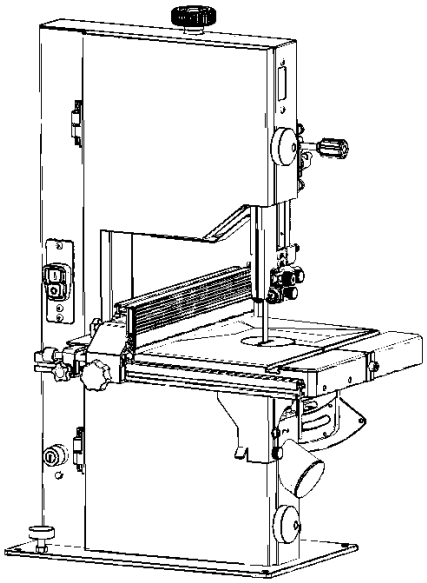
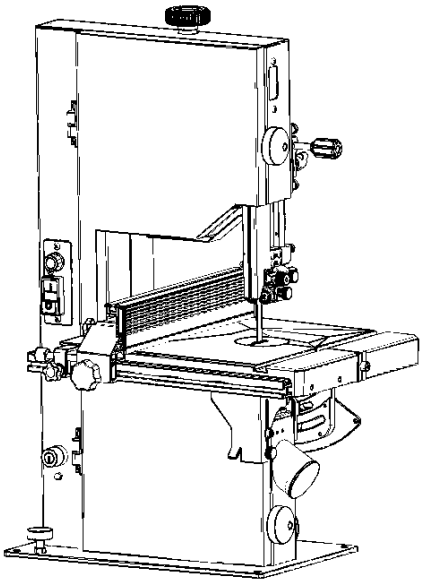
Bandsaw
Bench model
MIDICUT 270
MIDICUT 270 PRO

Original Operating Instructions



MIDICUT 270



MIDICUT 270 PRO

© EXMAC

Original Operating Instructions Version 2024_V01_EN

EX-MC270 / EX-MC270PRO

NEUREITER Maschinen und Werkzeuge

Gewerbegebiet Brennhoflehen

Kellau 167

A-5431 Kuchl

Tel.: +43(0)6244/20299 | Fax: +43(0)6244/20299-10

E-mail: kontakt@neureiter-maschinen.at

www.neureiter-maschinen.at | www.drechselmaschinen.at | www.neureiter-shop.at

Technical changes and copyright:

For the purpose of continuous improvement, the manufacturer reserves the right to make technical changes and changes to the information provided at any time without prior notice and without incurring any obligations on the manufacturer. No part of this document may be reproduced or transmitted in any form without express written permission, regardless of the means of doing so.

Table of contents

Table of contents 3
1 General information 4
1.1 Information about this manual 4
1.2 Explanation of symbols 4
1.3 Limitation of liability 7
1.4 Warranty 7
1.5 Terms of guarantee 7
1.6 Illustrations used 7
2 Safety 8
2.1 Intended use 8
2.2 Basic health and safety instructions 8
2.3 Personal protective equipment 12
2.4 Operator obligations 13
2.5 Safety devices 13
3 Machine description 14
3.1 Functional description 14
3.2 Description of the bandsaw 15
3.3 Technical data 16
3.4 Installation site requirements 17
3.5 Electrical equipment 18
4 Transport, packaging and storage 19
4.1 Transport dimensions 19
4.2 Notes on storage and transport 19
4.3 Notes on packaging 19
4.4 Unloading and unpacking 20
4.5 Transport package content 20
5 Assembly 21
5.2 Work ergonomics 21
5.5 Mounting on table or workbench 22
5.5 Mounting on optional stand 22
5.6 Connecting the dust collector 25
6 Setting up the machine 25
6.1 Tensioning and tracking the blade* 26
6.2 Checking the table for squareness 29
6.3 Setting the fence scale 31
6.4 Aligning the table insert 31
6.5 Setting the upper blade guide 32
6.6 Setting the lower blade guide 35
6.7 Checking the settings 37
7 Operating the bandsaw 38
7.1 Operating elements 38
7.2 Settings on the machine 40
7.3 Selecting the blade 54
7.4 Starting up the bandsaw 55
8 Care and maintenance 58
8.1 Maintenance, cleaning and machine care 58
9 Troubleshooting 61
9.1 Troubleshooting 61
9.2 Restoring normal operation 63

10 Decommissioning and disposal 63
11 Annex 65
11.1 EC Declaration of conformity 65
11.2 Exploded view A – MIDICUT 270 66
11.3 Parts list A – MIDICUT 270 67
11.4 Exploded view A – MIDICUT 270 PRO 68
11.5 Parts list A – MIDICUT 270 PRO 69
11.6 Exploded view B – MIDICUT 270 and MIDICUT 270 PRO 70
11.7 Parts list B – MIDICUT 270 and MIDICUT 270 PRO 71
11.8 Exploded view C – MIDICUT 270 and MIDICUT 270 PRO 72
11.9 Parts list C – MIDICUT 270 and MIDICUT 270 PRO 73
11.10 Wiring diagram MIDICUT 270 74
11.11 Wiring diagram MIDICUT 270 PRO 75

1 General information

1.1 Information about this manual

This manual enables safe and efficient use of the machine. It contains instructions on safety, assembly, operation and maintenance, and spare parts lists. The manual must be kept in the immediate vicinity of the machine and passed on if the machine is sold.

NOTICE

Failure to read and observe these operating instructions may result in serious injury. Careful use and handling can significantly reduce the risk of injury. Observing the safety information and instructions in these operating instructions is a basic requirement for safe working.

1.2 Explanation of symbols

1.2.1 Safety notices

Safety notices in this manual are marked with colours and symbols. They are introduced with signal words that indicate the level of hazard.

DANGER

Indicates a high risk and an immediate danger to people!

Failure to observe this notice may result in serious, irreversible injuries or even death.

WARNING

Indicates a medium risk and a recognizable danger to people!

Failure to observe this notice may result in serious, irreversible injuries or even death.

CAUTION

Indicates a low risk and a recognizable danger to people!

Failure to observe this notice may result in minor, reversible injuries.

NOTICE

Indicates a possible material damage or an important information.

1.2.2 Mandatory signs

The following mandatory signs in the operating instructions and on the machine indicate safety aspects that must be observed:

Sign	Meaning	Sign	Meaning	Sign	Meaning
	Wear eye protection		Wear ear protection		Wear respiratory protection
	Wear a face shield		Wear foot protection		Refer to instruction manual
	Disconnect mains plug from electrical outlet		Wear protective clothing		

1.2.3 Prohibition signs

The following prohibition signs on the machine indicate activities that are prohibited:

Sign	Meaning	Sign	Meaning
	Do not wear gloves		No reaching in

1.2.4 Warning signs

The following warning signs in the operating instructions indicate specific hazards:

Sign	Meaning	Sign	Meaning
	Electricity hazards		Sharp elements
	Risk of fire		General warning

1.2.5 Other signs

Sign	Meaning	Sign	Meaning
	Environmentally hazardous substances		Do not dispose of in household waste

1.2.6 Warning labels on the machine

WARNING

Risk of injury if warning labels are ignored!

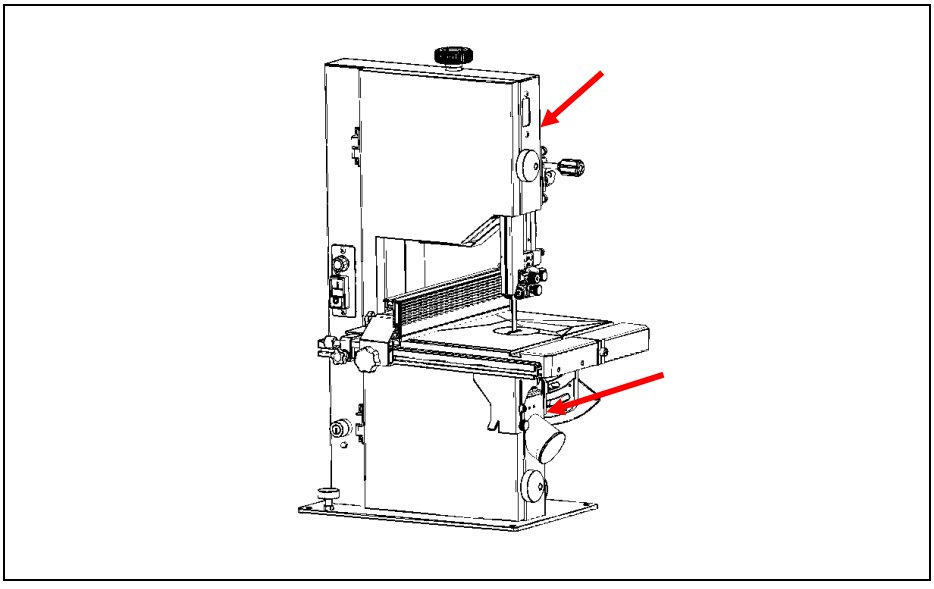
Warning labels on the machine are for safety reasons. Failure to observe them can lead to injuries.

- Observe warning labels on the machine.
- Keep warning labels legible.
- If warning labels are damaged or illegible, contact the dealer. He can arrange for replacement.

The following warning labels can be found on the machine:

Sign	Meaning
	Warning! Pull the plug before opening the door.
	Warning against reaching into the dust port.

The warning labels are located in the following places on the machine:



1.3 Limitation of liability

All information and instructions in this manual have been prepared in accordance with applicable standards and regulations.

In the following cases, the manufacturer or importer is not liable for damages:

- Failure to observe the instructions
- Other use than the intended use
- Unauthorized modifications or technical changes
- Use of unauthorized spare parts

1.4 Warranty

This product is subject to the statutory warranty according to Austrian law from the time the product is handed over.

There is no basic claim to replacement or rescission.

In the event of a complaint, the responsible dealer must be contacted in order to agree on how to proceed.

1.5 Terms of guarantee

Neureiter GmbH grants a five-year manufacturer's guarantee on this product from the date of purchase.

If defects in material or workmanship occur during the intended use of the machine, the dealer needs to be contacted. After submission of a copy of the invoice, the defect in question will be verified in coordination with the service department and, as required, it will be repaired or the product will be replaced. The organisation of a possible transport (after consultation with the Neureiter service department) lies within the responsibility of the customer. The packaging must be safe for transport.

If it is determined that the complaint lies outside the granted terms of guarantee (e.g. in the case of defects arising from normal wear, improper use, power overload, overvoltage, unauthorized modifications of the machine, use of force, failure to observe the safety precautions or own attempts of repair), the customer has to pay the full costs for transport and repair.

Only the terms of guarantee cited here are valid, any side agreements are not recognised unless they are presented in written form and signed (documented) by the manufacturer/importer. No claim whatsoever arises from verbal agreements that have not been documented.

The present terms of guarantee are valid in German-speaking countries; elsewhere different terms of guarantee may apply. In this case, the local dealer can provide information.

The above guarantee in no way restricts statutory warranty claims.

1.6 Illustrations used

NOTICE

The MIDICUT 270 PRO differs from the MIDICUT 270 in its built-in frequency inverter and its associated operating elements. The machines are largely identical in design. For reasons of clarity, this manual mostly contains only illustrations of one of the two models. The illustrations used are examples and there may be differences between the delivered machine and the shown illustrations.

2 Safety

2.1 Intended use

The **EXMAC bandsaws MIDICUT 270 and MIDICUT 270 PRO** are designed for sawing.

Material that can be processed with the bandsaw:

- wood (all types)
- non-ferrous metal
- plastic
- horn, bone, soapstone, alabaster, etc.

The machine is designed exclusively for its intended use. The intended use also includes the observation of all instructions given in this manual. Any use other than the intended use is not permitted. The machine is only suitable for private use, not for industrial use. The machine is designed for indoor use. The machine must be operated with a suitable dust collector.

The bandsaw is designed for a service life of 10 years.

The minimum age for using the machine is 16 years.

2.2 Basic health and safety instructions

2.2.1 Workplace safety

WARNING

Risk of injury due to inadequate safety conditions at the workplace!

Messy, unlit or poorly ventilated work areas and slippery floors can lead to accidents.

- Keep the work area clean and well lit.
- Ensure adequate ventilation.
- Keep the immediate work area and floor free from dirt and leftover pieces.
- Ensure there is a sufficiently large work space around the machine.

WARNING

Risk of fire due to flying sparks!

Flying sparks can ignite dust, vapours or chips.

- Keep the work area and floor clean.
- Avoid explosive environments where flammable liquids, gases or dusts are present.

2.2.2 Electrical safety

WARNING

Danger to life due to electric shock!

In case of unsuitable plugs, physical contact with earthed surfaces, water entering the machine, damaged or entangled cables and lack of earthing, there is a risk of electric shock.

- Use suitable plugs and sockets.
- Do not modify plugs.
- Do not use adapter plugs.
- Avoid physical contact with earthed surfaces (pipes, heaters, etc.).
- Protect the machine from moisture, vapours, wetness and rain.
- Only touch the machine and its plug with dry hands.
- Avoid misusing the power cord (do not pull on the power cord to remove the plug, for example).
- Keep the power cord away from heat, oil, sharp edges and moving parts.
- Avoid tangling the power cord.
- Use a suitable residual-current circuit breaker.
- Only connect a type F plug to an earthed socket.

2.2.3 Personal safety

WARNING

Risk of injury due to missing experience and carelessness!

Missing experience, carelessness and distraction can lead to serious injuries.

- Before using the machine for the first time, study the subject and ask qualified persons for training.
- Be careful and attentive when using the machine.
- Do not use the machine if you are tired or under the influence of drugs, alcohol or medication.
- Keep children and other people away while using the machine.

WARNING

Risk of injury due to unintentional start-up and use by third parties!

There is a risk of injury if the machine is started unintentionally or if it is started by inexperienced persons or children.

- Protect the machine from unintentional start-up and operation by third parties (especially children).
- Only leave the machine if it is switched off and at a standstill.
- Disconnect the machine from the power supply when not in use.
- Before connecting the machine to the power supply and before transporting the machine, make sure that the machine is switched off.
- Only allow the machine to be used by persons who are familiar with it and who have read this manual.

WARNING

Risk of injury due to missing personal protective equipment, unsuitable clothing and abnormal posture!

Injuries can occur due to missing protective equipment and incorrect posture. Loose clothes, jewellery or long hair can be caught and drawn into moving parts of the machine, which can lead to injuries.

- Observe the specifications for personal protective equipment in these operating instructions and wear personal protective equipment.
- Wear safety glasses or a face shield.
- Wear suitable clothing.
- Do not wear loose clothing and jewellery.
- Wear a headgear or hairnet.
- Avoid wearing gloves.
- Maintain a good posture, ensure secure footing and maintain balance at all times.

WARNING

Health risk due to dusts!

During woodworking, harmful dusts can be produced causing serious respiratory diseases.

- Only work in well-ventilated rooms.
- Wear respiratory protection.
- Avoid contact with dust.
- Use suitable dust collectors and air filtering systems.
- Clean exposed body parts with soap and water.

WARNING

Risk of injury due to tipping over!

If the machine is climbed onto, there is a risk that it will tip over and cause injuries. Objects placed on the machine could fall and lead to injuries.

- Do not climb onto the machine.
- Make sure the machine is stable.
- Screw the machine to the installation surface.
- Avoid storing objects on or around the machine.

WARNING

Risk of injury when ignoring safety rules!

Ignoring the safety rules and careless behaviour can lead to serious injuries within a fraction of a second.

- Always follow the safety rules, even if you have a lot of experience with the machine.

WARNING

Risk of injury due to adjusting tools, spanners or loose objects that have not been removed!

Adjusting tools or spanners in a rotating part of the machine can cause injuries. Loose objects on the machine which start to move when the machine is switched on can cause injuries.

- Before switching on the machine, remove loose objects, adjusting tools and spanners from the machine.

2.2.4 Use and care of the machine

WARNING

Risk of injury due to unintended use and overload!

There is a risk of injury if the machine is used for other purposes than those intended or if the machine is overloaded.

- Only use the machine for its intended use and within the specified performance range.

WARNING

Risk of injury from using the machine despite defective components!

Damaged machines or components pose a risk of accidents.

- Before using the machine, ensure that it is intact and functional.
- Before using the machine, check whether any parts are broken or damaged.
- Only use the machine with intact components and switches.
- Check cables regularly for damage.
- Have damaged parts repaired immediately.
- If problems arise, switch off the machine immediately and contact the dealer if necessary.

WARNING

Risk of injury due to improper care and maintenance of machine and blade!

Improperly maintained machines and blades pose a risk of accidents. Slippery handles can lead to a loss of control.

- Follow the maintenance instructions in this manual.
- Maintain the machine with care.
- Only use blades that are suitable for the machine.
- Keep blades sharp and clean.
- Keep handles and gripping surfaces dry, clean and free from oil and grease.

WARNING

Risk of injury due to unintentional start-up!

There is a risk of injury if the machine starts accidentally when performing adjustment, cleaning or maintenance work or when removing jams.

- Before carrying out the above-mentioned activities, switch off the machine and disconnect it from the power supply.

2.2.5 Service

WARNING

Risk of injury due to improper repair.

Improper repair can impair the safety of the machine and pose a risk of injury.

- Have the machine repaired only by qualified personnel and only with original spare parts.

2.3 Personal protective equipment

	Ear protection: Always wear an ear protection when using the machine.
	Safety glasses / Face shield: Always wear at least safety glasses when working on the machine. If necessary, use a full eye protection or face shield, since normal eyeglasses are usually only shock-resistant and safety glasses only protect the eyes. A face shield protects eyes and face.
	Protective footwear: Wear protective footwear and make sure the floor is non-slip.
	Respiratory protection: When processing different types of wood, exotic wood-based and other materials, and when performing certain tasks like sanding, sawing or drilling, dusts are produced that are harmful to health. Operate the machine only in well-ventilated areas and wear respiratory protection. Use a suitable dust collector and, if necessary, an air filtering system.

2.4 Operator obligations

The operator is the person who operates the machine for commercial or private purposes.

The operator must keep the machine in good condition. He undertakes to check the safety devices for correct functioning and to leave them on the machine. Any structural change to the machine is prohibited. Commercial operators must ensure that the legal obligations regarding occupational safety are complied with.

WARNING

Risk of injury due to use by insufficiently qualified persons!

Insufficiently qualified persons cannot correctly assess the risks involved in using the machine. There is a risk of serious or fatal injury.

- Observe the chapter on basic health and safety instructions and the warning notices in these operating instructions and on the machine.
- Before using the machine for the first time, obtain information on the subject and ask qualified persons for training.

2.5 Safety devices

Safety devices serve to protect persons and material. Without intact safety devices serious injuries can occur.

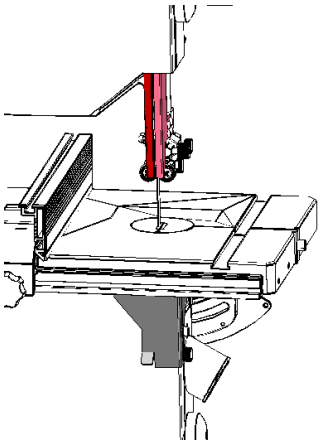
WARNING

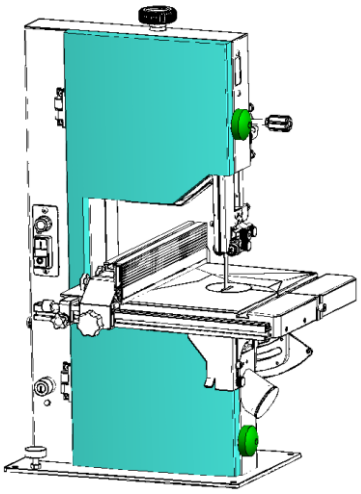
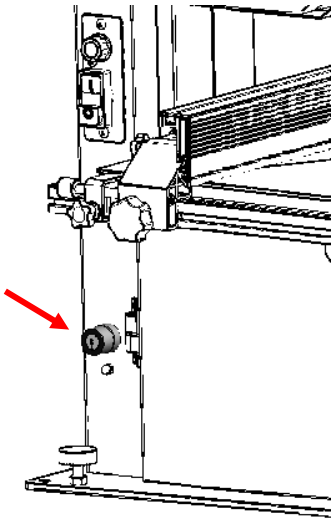
Risk of injury due to defective or missing safety devices!

Defective or missing safety devices do not fulfil their purpose. Serious injuries can result.

- Only operate the machine with functioning safety devices.
- Switch off the machine immediately if safety devices are defective or removed.
- Only use additional equipment installed by the operator with prescribed safety devices.

Overview of safety devices

Blade guards The blade guards prevent access to the blade. They are adjustable. When adjusting the guards, it must be ensured that as large an area of the blade as possible is covered.	

Interlocked safety door with limit switch The safety door prevents access to the moving parts of the machine. To open the safety door, the latches must be released. As soon as the safety door is opened, the machine shuts off automatically. To prevent injuries, the machine must still be disconnected from the power supply before opening the safety door.	
Electromagnetic brake switch The electromagnetic brake switch prevents an unintentional start-up or an unauthorized use. To start the machine, a key must be inserted into the brake switch. Only turning the key disables the brake switch and connects the machine to the power supply.	

3 Machine description

3.1 Functional description

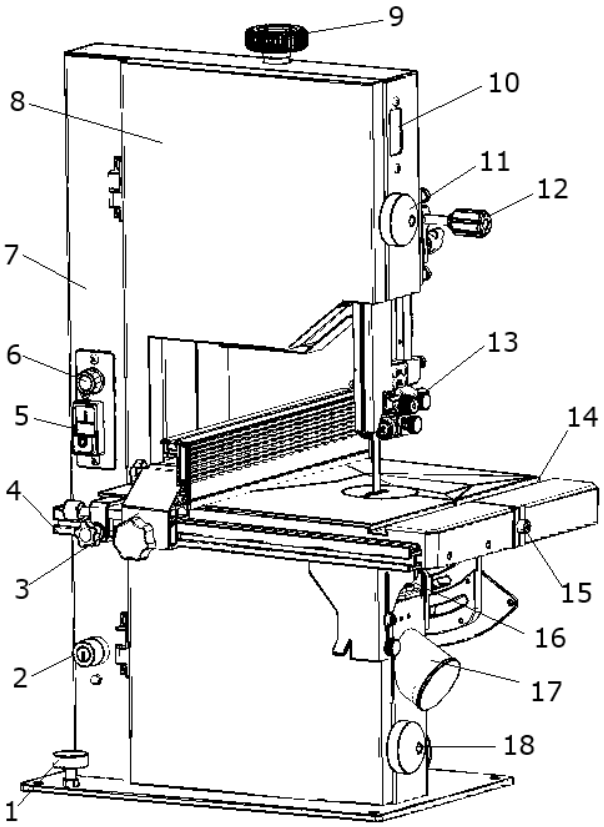
The bandsaw is primarily used for sawing wood. However, other materials such as non-ferrous metal or plastic can be processed as well. The machine allows straight and curved cuts.

The workpiece is placed on the tilting table and guided towards the blade (not included). The continuous blade runs on two wheels, one of which is motor-driven. A guide assembly keeps the blade on track.

3.2 Description of the bandsaw

Front view

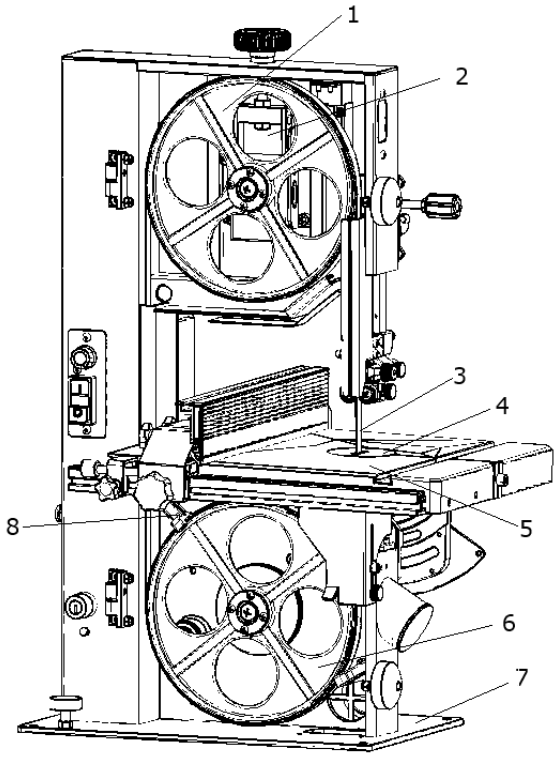
1. Door stop
2. Electromagnetic brake switch
3. Front fence guide
4. Fence guide rail
5. ON/OFF switch
6. Speed control knob (only MIDICUT 270 PRO)
7. Machine frame
8. Door (wheel cover)
9. Blade tensioning knob
10. Blade tracking window
11. Upper door latch
12. Height adjustment upper blade guide
13. Upper blade guide
14. Slot for optional mitre fence
15. Table pin
16. Lower blade guide
17. Dust collection port front
18. Lower door latch

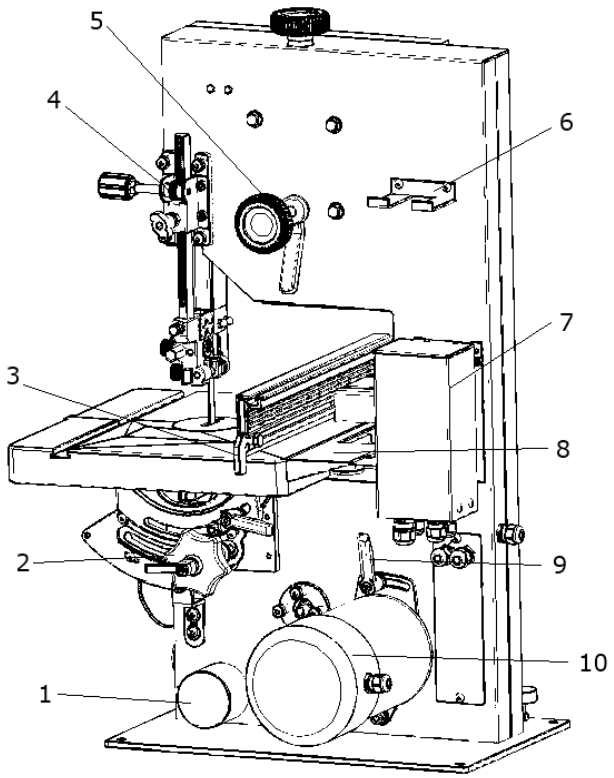


Front view without doors

1. Upper wheel
2. Wheel holder
3. Blade*
4. Table insert
5. Table
6. Lower wheel
7. Base
8. Wheel brush

* not included



Rear view	
1. Dust collection port rear side 2. Tilt mechanism 3. Rear fence guide 4. Height adjustment upper blade guide 5. Blade tracking control knob 6. Fence holder 7. Frequency inverter (only MIDICUT 270 PRO) 8. Table extension 9. Motor tensioning lever 10. Motor	

3.3 Technical data

Machine dimensions	Length	590 mm
	Width	560 mm
	Height	840 mm
Base dimensions	Length	455 mm
	Width	280 mm
Weight	Net MIDICUT 270	60 kg
	Net MIDICUT 270 PRO	63 kg
Drive	Type of drive	Induction motor, single-phase
	Operating mode	S1
	Voltage	230 Volt
	Power	750 W (1 HP)
	Frequency	50 Hz
	Current	5 A
Blade* speed	MIDICUT 270	534 / 819 m/min.
	MIDICUT 270 PRO	42-660 / 64-1001 m/min.
Blade* dimensions	Length	1858 mm
	Width	min. 3 / max. 12 mm
Cut	Max. cutting width	250 mm
	Max. cutting depth	160 mm
	Max. cutting depth with fence	220 mm

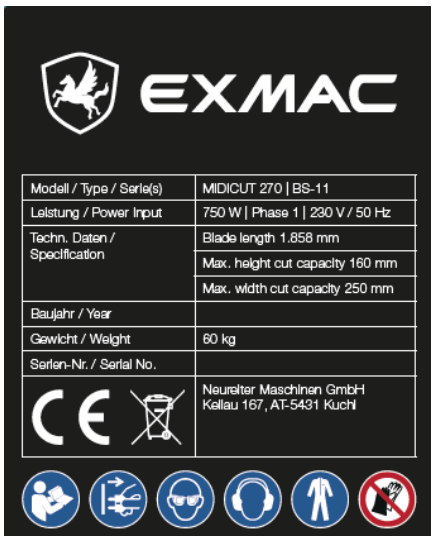
*not included

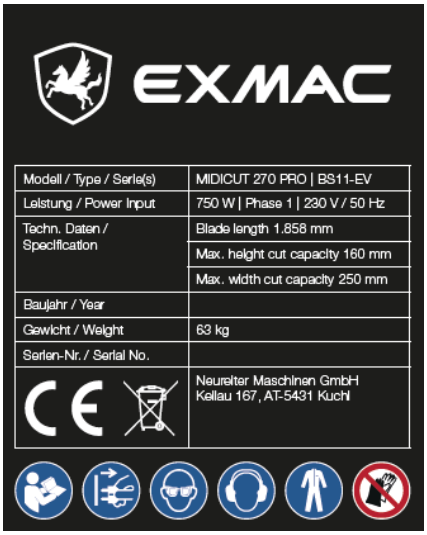
Table	Dimensions (l x w)	350 x 350 mm
	Table height	340 mm
	Tilt	-5 to +45°
Dust collection port	Diameter	63 mm
Noise emission	Sound pressure level	75.47 dB(A)

The measurement is carried out in accordance with the standards EN ISO 3746:2011 & EN ISO 4871:2009.

The measured emission level cannot reliably be used to determine the actual noise level in the workplace, since factors such as the duration and type of work, the workshop size and the existence of other sources of noise (e.g. machines running at the same time) have a decisive influence on the noise level. The acceptable exposure rates may vary from country to country. An ear protection must be worn when using the machine.

Nameplate





3.4 Installation site requirements

Requirement	Recommendation
Installation site	Fasten the machine near a power source (type F socket) on a solid, level and stable installation surface (workbench, table, optional stand) (see chapter "Assembly").
Lighting	Pay attention to good lighting.
Ambient temperature	+10°C to +32°C
Ventilation	Ensure adequate ventilation. The machine must be operated with a suitable dust collector.
Working height	Comfortable working height depending on user's body size.
Working space	Make sure there is enough space around the machine for handling the workpieces.

3.5 Electrical equipment

WARNING

Danger to life due to electric current!

When touching live parts, there is an immediate danger to life due to electric shock. Damaged insulations or electrical components can be life-threatening.

- Have work on the electrical system components carried out only by qualified electricians.
- Before working on electrical system components, switch off the machine and pull the power plug. Do not leave the power plug unattended and secure it against being plugged in.
- In case of damaged insulations, switch off the machine immediately and have them repaired.
- Keep the power cord away from heat, oil, sharp edges and moving parts.

WARNING

Danger to life due to electric current!

If a wrong extension cord is used, there is a risk of fire due to overheating, and danger to life due to an electric shock.

- Avoid using an extension cord.
- If the use of an extension cord is unavoidable, make sure that the extension cord is designed for the intended purpose. (In case of doubts, choose a short, thick cord or contact a qualified electrician).

WARNING

Danger to life due to electric current!

If the earthing conductor is connected incorrectly, there is an immediate danger to life due to electric shock.

- Connect the earthing conductor (green-yellow sheathed) correctly.
- Keep the earthing conductor away from life terminals when changing the cable or plug.

NOTICE

Electrical cables and sockets must comply with local electrical codes!

- Observe electrical codes.
- In case of doubt, contact a qualified electrician.

NOTICE

In order to operate the machine, a suitable household 230 V type F socket is required.

If the machine is operated outside of this voltage, it may run irregularly or may be damaged.

- Use a suitable type F socket.
- Observe the indications in these operating instructions.

4 Transport, packaging and storage

4.1 Transport dimensions

Dimensions	Length	640 mm
	Width	580 mm
	Height	1020 mm
Weight	Gross (MIDICUT 270)	70 kg
	Gross (MIDICUT 270 PRO)	73 kg

4.2 Notes on storage and transport

NOTICE

Possible damage to the machine due to incorrect storage!

If the machine is stored incorrectly, parts of the machine can be damaged.

- Store the machine in a dry, dust-free environment.
- Keep the machine away from aggressive media.
- Protect the machine from excessive sunlight.
- Make sure that the ambient temperature does not exceed 32°C.
- Before assembly, give the machine sufficient time to adapt to the temperatures at the installation site.

NOTICE

Possible damage to the machine due to incorrect transport!

If the machine is transported incorrectly, parts of it may be damaged.

- Follow the instructions on the machine's packaging.
- If a machine that has already been assembled is to be transported, the upper blade guard needs to be lowered as far as possible. Grab the machine by its neck (frame), not the table. It's best to ask a second person for help and to lift the machine by the base.

4.3 Notes on packaging

The packaging is intended to protect components from damage and corrosion. Only remove the packaging shortly before assembly.

NOTICE

Danger to the environment due to incorrect disposal of packaging material!

Incorrectly disposed of packaging material can damage the environment.

- Dispose of packaging material in accordance with applicable regulations.

4.4 Unloading and unpacking

WARNING

Risk of crushing when unloading the machine!

The machine is heavy. When unloading, there is a risk of body parts being crushed.

- Unpack the machine with the help of a second person.
- Make sure that no limbs are under or between machine components.
- Be careful when unloading the machine.

WARNING

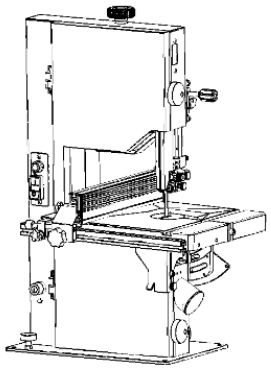
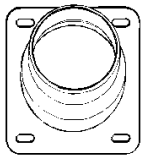
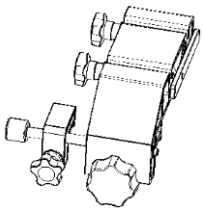
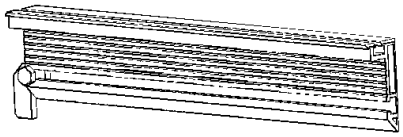
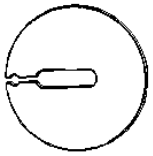
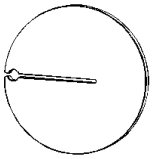
Danger of cutting!

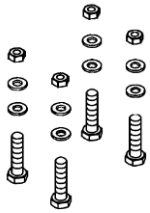
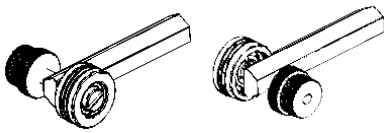
The blade is sharp. In case of contact, there is a danger of cuts.

- Keep hands, fingers and other parts of the body away from the blade.
- Be particularly careful when handling near the blade.

1. Before unpacking, check the box for damages.
2. Detach the carton from the pallet and remove it.
3. Unscrew the screws securing the machine on the pallet.
4. Remove the packaging material.
5. Moisten a cloth with a suitable cleaning agent and use it to remove coatings from all bare machine parts.
6. Check the content of the delivery for completeness.
7. If any parts are missing, contact the dealer.
8. Do not start up the machine until all parts are present and assembled.

4.5 Transport package content

		
1x bandsaw (MIDICUT 270 or 270 PRO)	1x dust collection port 63 mm	1x front fence guide with fine adjustment unit
		
1x fence with rear fence guide	1x table insert	1x table insert (only MIDICUT 270 PRO)

		
1x kit for mounting the machine on the installation surface	1x kit for mounting the dust collection port	1x guide units for fine-cutting blades

5 Assembly

WARNING

Risk of injury due to unintentional start-up!

There is a risk of injury if the machine starts accidentally during assembly.

- Keep the machine switched off and disconnected from the power supply during assembly.

WARNING

Risk of crushing during assembly of the machine!

The machine is heavy. During assembly, there is a risk of body parts being crushed.

- Assemble the machine with the help of a second person.
- Make sure that no limbs are under or between machine components.
- Be careful during assembly of the machine.

The machine is delivered pre-assembled. It only needs to be attached to an installation surface or a stand which is optionally available.

5.2 Work ergonomics

CAUTION

Physical impairments due to incorrect posture and incorrect positioning of the machine!

Incorrect positioning of the machine and unsuitable posture can lead to posture problems and rapid fatigue which may increase the risk of accidents.

- Maintain a good posture, ensure secure footing and maintain balance at all times.
- Position the machine at a comfortable height.
- Pay attention to an ergonomic posture.

5.5 Mounting on table or workbench

NOTICE

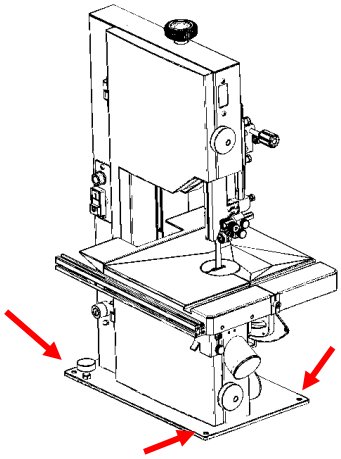
Instructions for mounting!

The machine may only be operated if it is screwed to the installation surface (table, workbench, etc.).

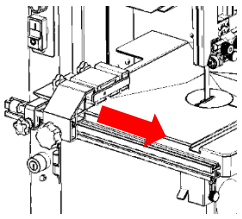
- Screw the machine to a solid and level installation surface that has a sufficient load capacity.

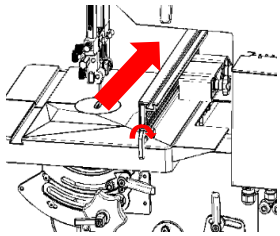
The machine is equipped with holes with a diameter of 10 mm at the corners of the base (base thickness approx. 6 mm) with which the machine is attached to the installation surface.

1. Place the machine on the installation surface. Mark the position for the holes. Take the machine from the installation surface. Drill holes with a diameter of 10 mm into the installation surface.
2. Place the machine on the installation surface and align it with the holes. Screw the machine to the installation surface using the supplied M8x50 hex head screws, M8 washers and nuts.



3. Slide the front fence guide onto the guide rail.
4. Remove the rear fence guide from the fence.
5. Slide the fence onto the rail of the front fence guide. If necessary, loosen the star knob screws.
6. Screw in the rear fence guide.



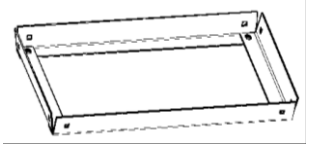


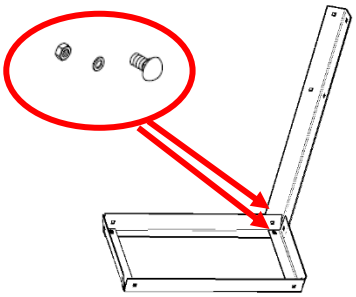
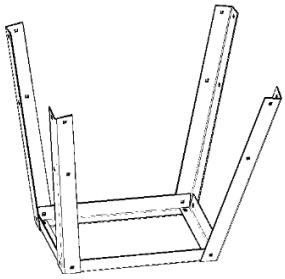
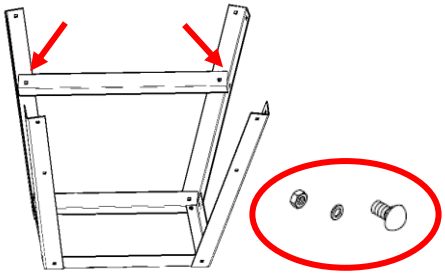
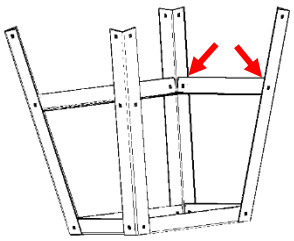
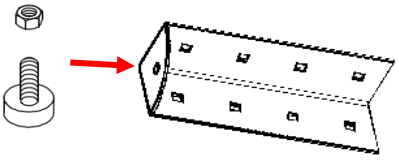
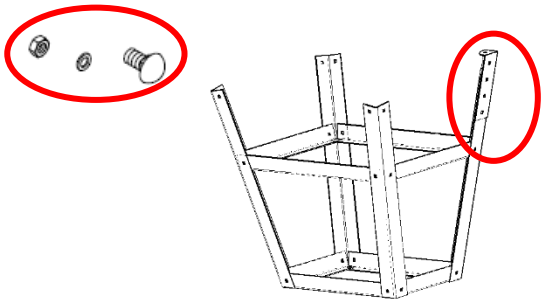
5.5 Mounting on optional stand

As an alternative to mounting the bandsaw on a table or workbench, it can also be mounted on an optionally available stand.

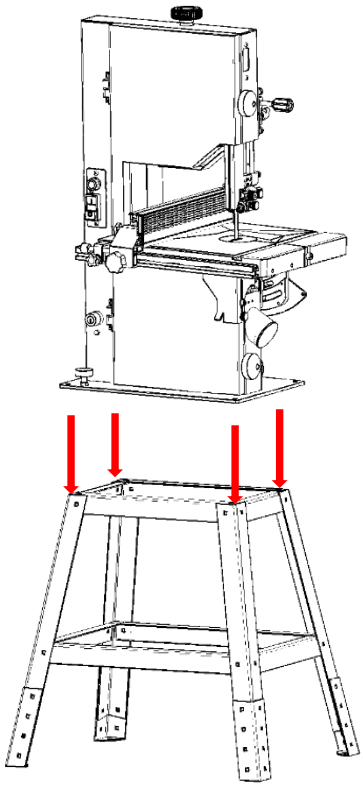
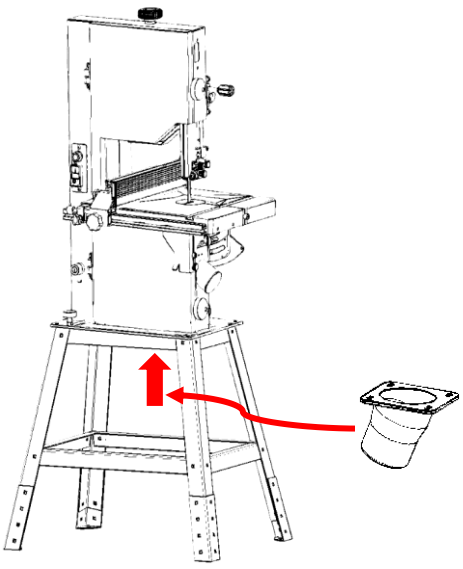
5.5.1 Assembling the optional stand

1. Place the upper frame of the stand upside down on a flat and clean surface. If necessary, place a cardboard underneath to prevent damages to the surfaces. Two frame sections of the same length should be placed opposite to each other.



2. Place one of the legs at one corner. Insert a coach bolt from the outside into each hole of leg and frame. Secure the coach bolts from the inside with a washer and a nut.	
3. Attach the remaining legs in the same way.	
4. Place a long strut on one of the long sides of the frame and screw it to the legs.	
5. Place a short strut on one of the short sides and screw it to the legs. 6. Attach the remaining struts.	
7. Screw a foot into the leg extension and secure it with the appropriate nut from the inside.	
8. Place the leg extension on a leg. Choose a suitable hole based on your body height and screw the leg extension to the leg. 9. Attach the remaining leg extensions.	

5.5.2 Mounting the machine on the optional stand

1. Place the assembled stand in the desired location. 2. Lift the machine onto the stand with the help of a second person. 3. Align the holes in the base of the machine with the holes in the stand. 4. Put an M8 washer onto an M8x50 hex head screw. Insert the hex head screw with washer into the holes of blade and stand. Secure the screw on the underside with an M8 washer and an M8 nut. Repeat the procedure three times.	
5. Attach the supplied dust collection port to the opening on the underside of the machine using the M5x8 button head screws and matching washers (outlet pointing inwards).	

5.6 Connecting the dust collector

NOTICE

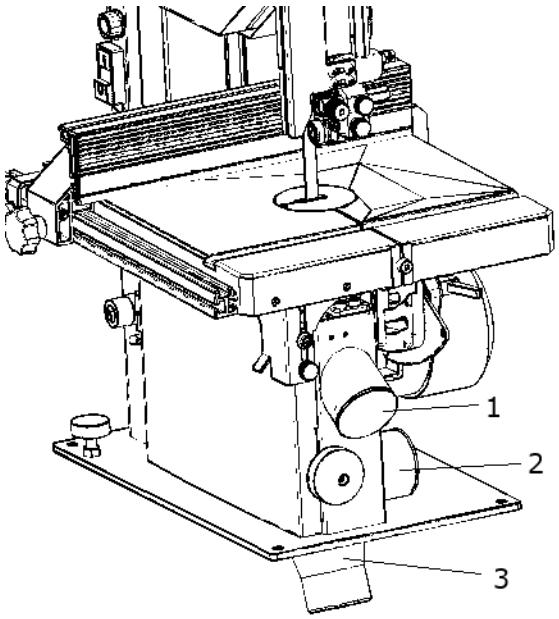
Notes on the dust collector!

The machine must be operated with a suitable dust collector.

- Use a dust collector with a 63 mm connection.

The dust collector can be connected to the front, rear, or, when using the optionally available stand, on the underside of this machine. If one of the dust collection ports is not used, it must be covered with a cap.

1. Dust collection port on the front
2. Dust collection port on the rear
3. Dust collection port when mounted on an optionally available stand



6 Setting up the machine

WARNING

Risk of injury due to unintentional start-up!

There is a risk of injury if the machine starts accidentally during setting procedures.

- Before carrying out setting procedures, switch off the machine and disconnect it from the power supply.

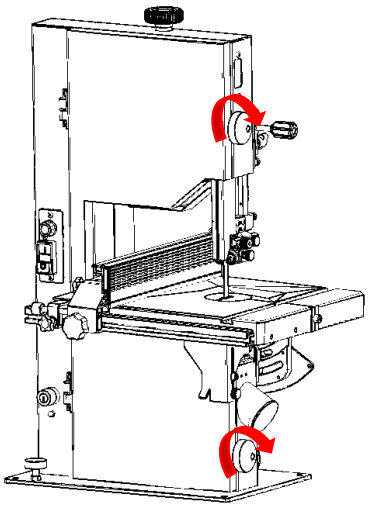
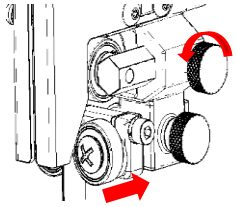
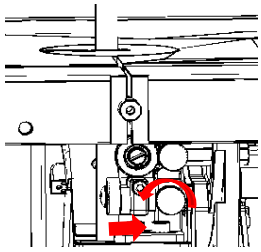
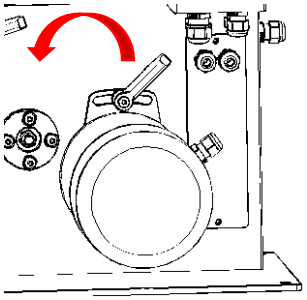
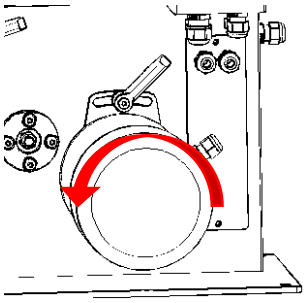
WARNING

Danger of cutting!

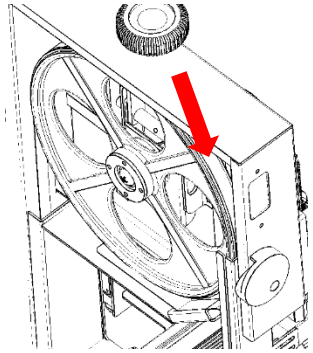
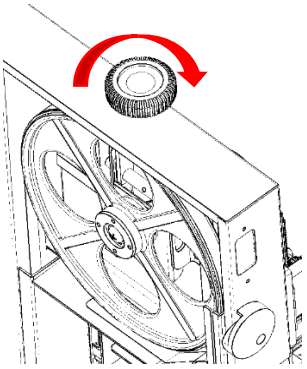
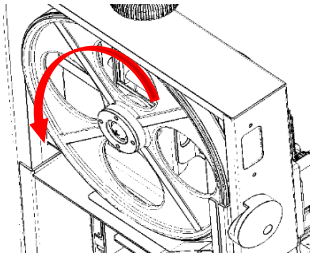
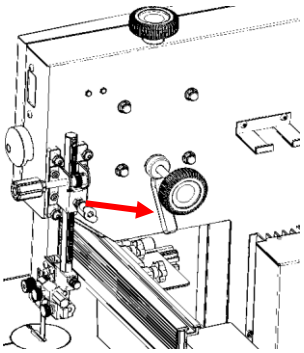
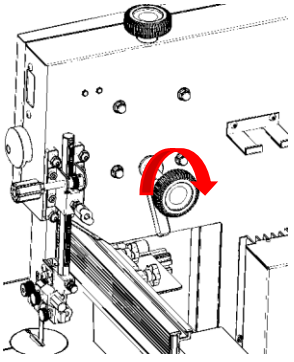
The blade is sharp. In case of contact, there is a danger of cuts.

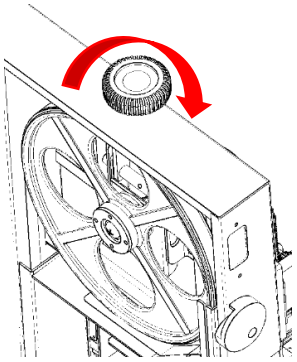
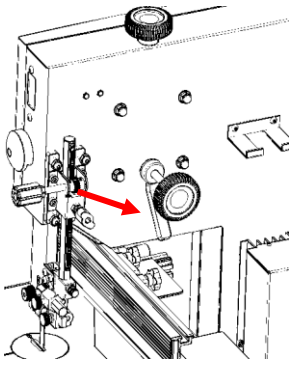
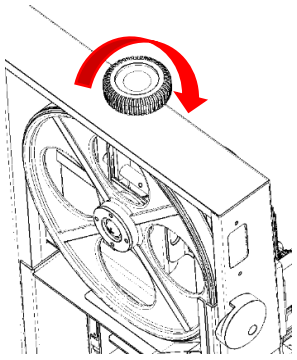
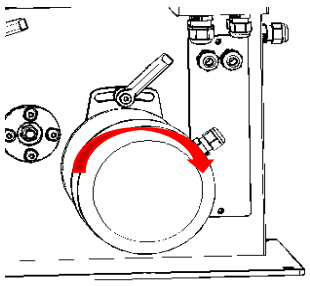
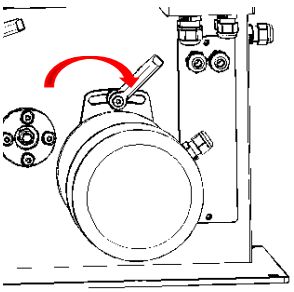
- Be particularly careful when handling near the blade.

6.1 Tensioning and tracking the blade*

1. Release the upper and lower door latches by turning them clockwise. 2. Open the door.	
3. Move the upper and lower blade guides away from the blade. To do this, loosen the knurled screw and slide the guide assembly back.	 
4. Release the motor tensioning lever by turning it anti-clockwise.	
5. Release the drive belt tension by turning the motor anti-clockwise.	

*not included

6. Make sure that the blade is centred on the wheel.	
7. Slightly tension the blade by turning the knob on the top of the machine clockwise.	
8. Turn the wheel by hand and make sure that the blade continues to run centrally on the wheel.	
9. If the blade is not running centrally on the wheel, loosen the clamp on the blade tracking control knob on the back of the machine.	
10. Turn the blade tracking control knob slightly. Turning clockwise moves the blade towards the back of the wheel, turning anti-clockwise moves it towards the front of the wheel. NOTICE! Make only slight adjustments!	

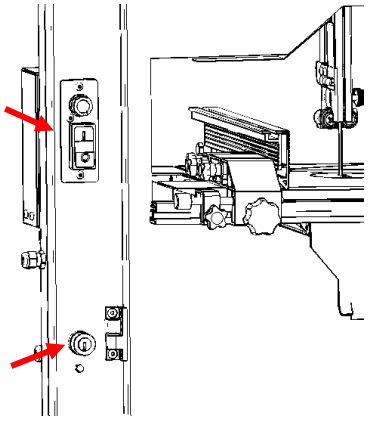
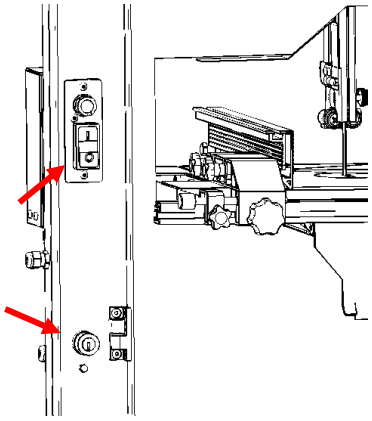
11. Turn the blade tensioning knob on top of the machine again and check the blade's tracking. 12. Repeat the adjustment until the blade is running centrally on the wheel without moving back and forth.	
13. Tighten the clamp on the blade tracking control knob on the back of the machine to fix the setting.	
14. Fully tension the blade. 15. Check the blade tracking again and readjust if necessary.	
16. Tension the drive belt by turning the motor clockwise. 17. Make sure that the drive belt is properly seated in the grooves of the pulleys.	
18. Tighten the motor tensioning lever by turning it clockwise. 19. Close the door. Lock the door latches by turning them anti-clockwise.	

WARNING

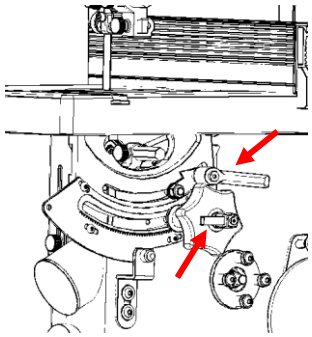
Risk of injury due to adjusting tools that have not been removed!

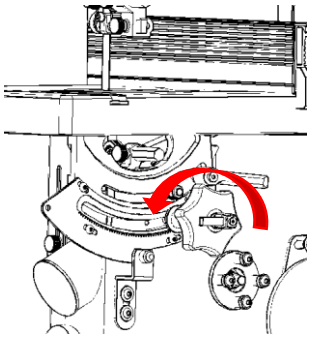
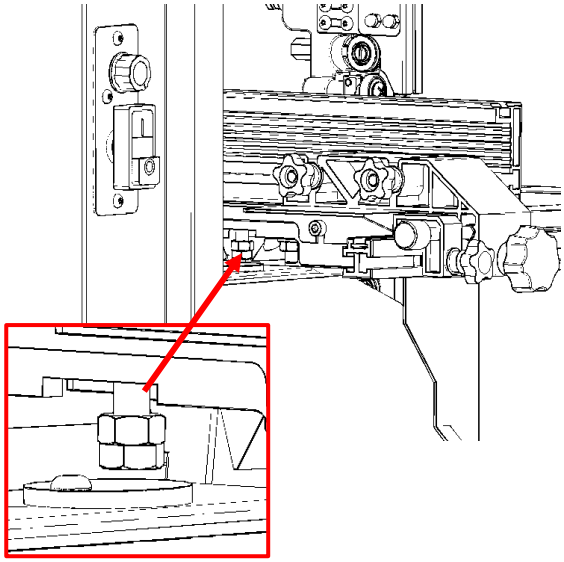
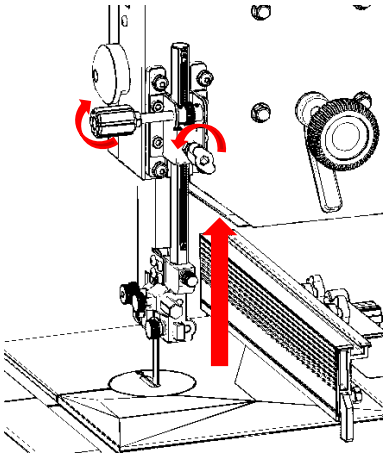
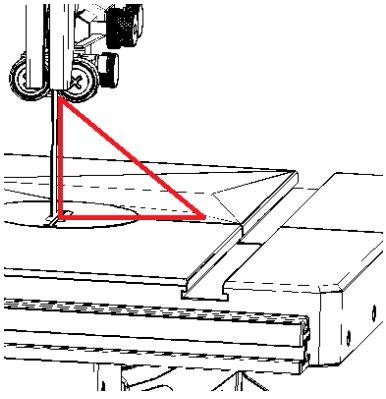
Adjusting tools in a rotating part of the machine can cause injuries. Loose objects on the machine which start to move when the machine is switched on can cause injuries.

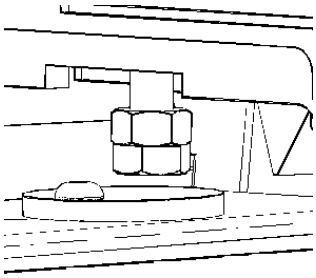
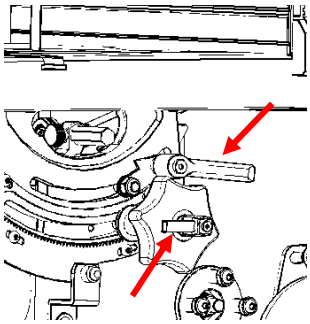
- Before switching on the machine, remove loose objects, adjusting tools and spanners from the machine.

20. Plug in the machine. 21. Deactivate the electromagnetic brake switch by turning it clockwise. 22. Switch on the machine (see chapter "Operating elements"). 23. Check that the blade is running smoothly (without bumping, tapping, knocking or excessive vibrations) and centrally.	
24. Once the blade is correctly adjusted, switch off the machine and activate the electromagnetic brake switch by turning it anti-clockwise (see chapter "Operating elements").	

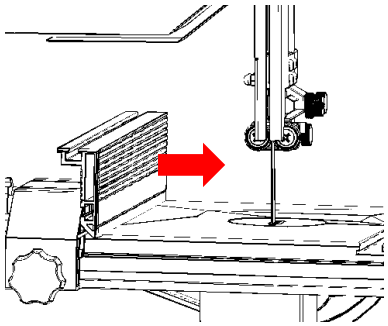
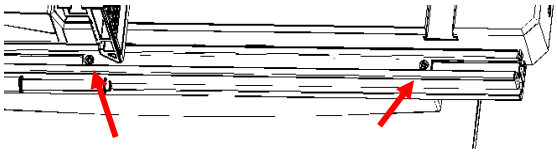
6.2 Checking the table for squareness

1. Loosen the two clamping levers on the tilt mechanism.	

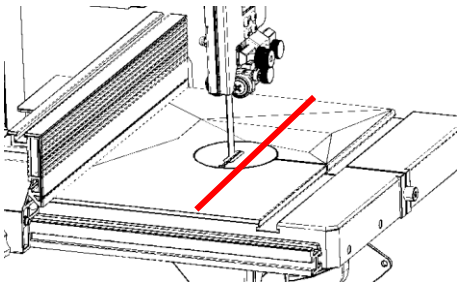
2. Turn the star knob screw to adjust the table tilt and lower the table against its stop.	
3. The stop is a screw with lock nut on the underside of the table.	
4. Raise the upper blade guide all the way up.	
5. Place a square on the table and move it up against the blade (behind the teeth). 6. Check that the blade is perpendicular to the table.	

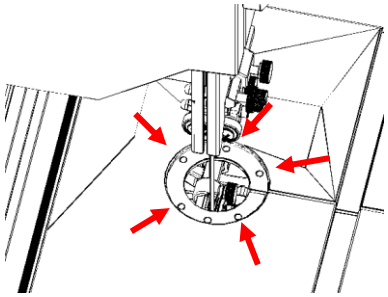
7. If necessary, adjustments can be made using the stop screw underneath the table.	
8. Check the squareness again. 9. Tighten the two clamping levers on the tilt mechanism.	

6.3 Setting the fence scale

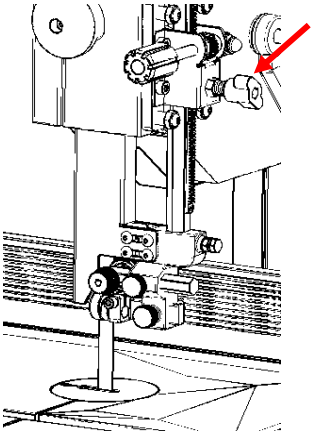
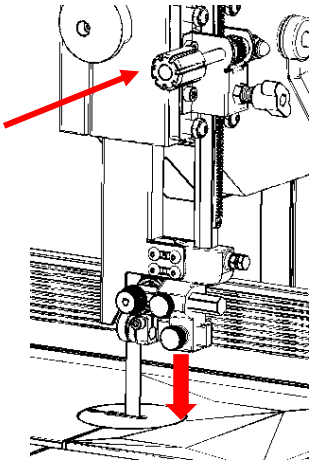
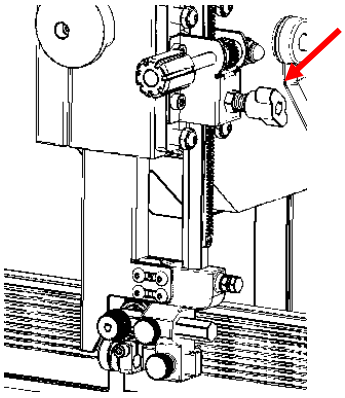
1. Move the fence towards the blade until it lightly touches it.	
2. Loosen the two set screws on the guide rail with a hex key. 3. Reposition the scale so that the front edge of the fence is at 0. 4. Retighten the set screws.	

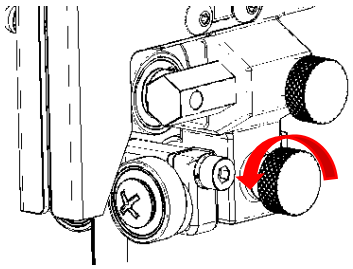
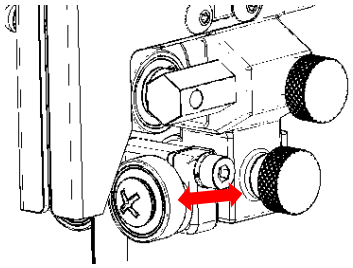
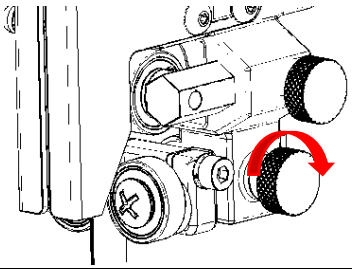
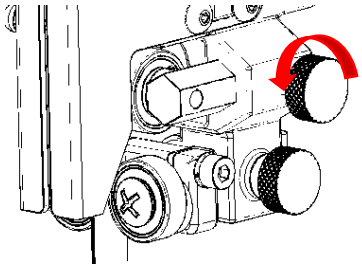
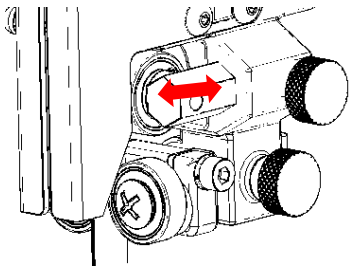
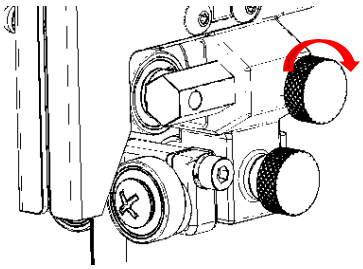
6.4 Aligning the table insert

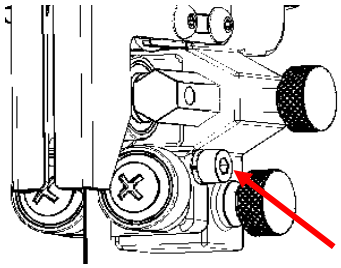
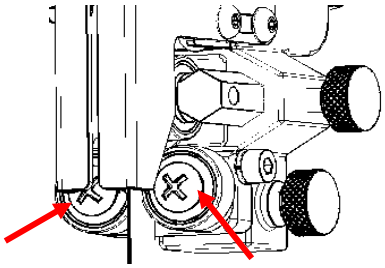
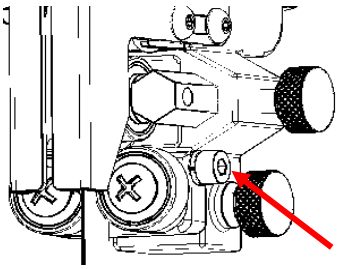
1. Place a ruler across the table insert and the table. 2. Check that the table insert is level with the table. 3. If the table insert is not level with the table, remove the table insert.	

4. Adjust the set screws in the recess accordingly until the table insert is level with the table.	

6.5 Setting the upper blade guide

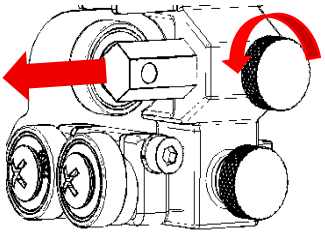
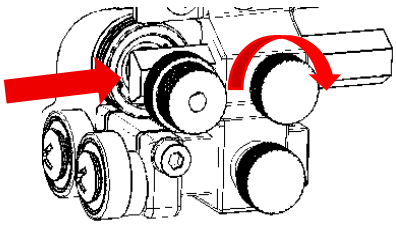
1. Loosen the wing screw on the height adjusting unit.	
2. Turn the height adjusting knob and lower the blade guide to appr. 38 mm above the table.	
3. Tighten the wing screw to secure the upper blade guide in position.	

4. Loosen the lower knurled screw.	
5. Move the side guide bearings so that their leading edges are approx. 2 mm behind the gullets of the blade.	
6. Retighten the lower knurled screw.	
7. Loosen the upper knurled screw.	
8. Move the upper thrust bearing so that it is appr. 1 mm behind the blade.	
9. Tighten the upper knurled screw.	

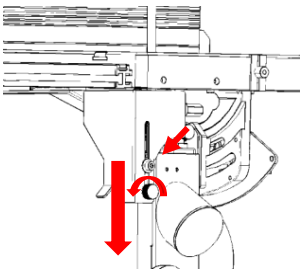
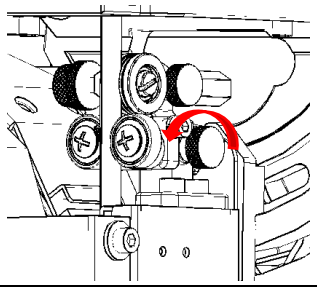
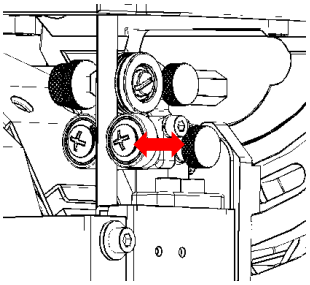
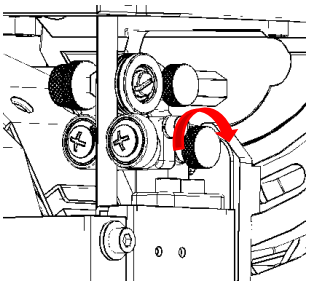
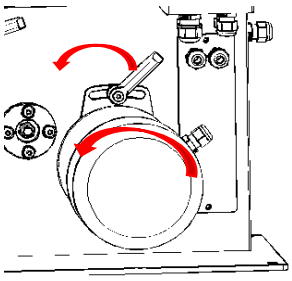
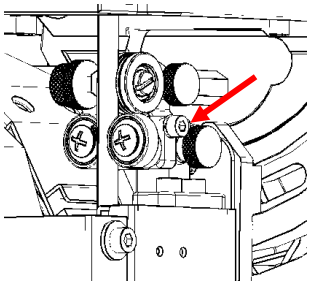
10. Loosen the socket head screw on the guide bearings.	
11. Use the cross-head screws to adjust the guide bearings so that they are appr. 0.5 mm from the blade (approximate thickness of an A4 sheet).	
12. Tighten the socket head screw on the guide bearings.	

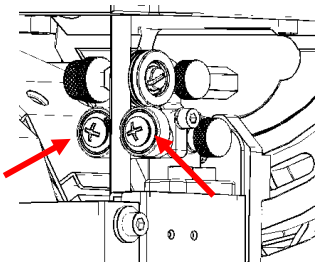
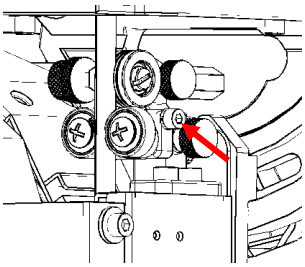
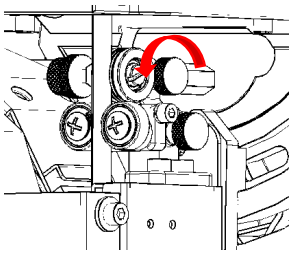
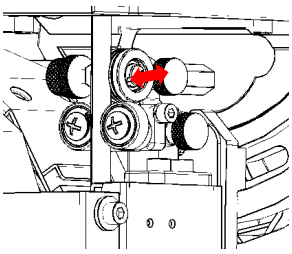
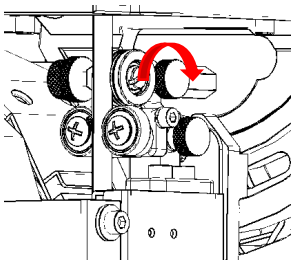
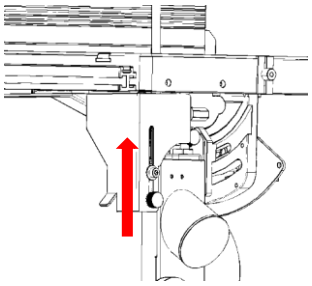
6.5.1 Replacing the guide unit for fine-cutting blades

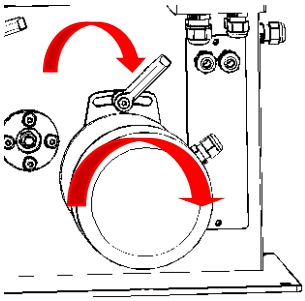
When delivered, the machine is equipped with a guide unit for large blades (without adjusting wheel). The guide unit for fine-cutting blades is included in the delivery. If the machine is to be used with a fine-cutting blade, the entire guide unit with hexagonal rod (on both the upper and lower blade guide) needs to be replaced:

1. Remove the blade guard and the blade. 2. Loosen the upper knurled screw. 3. Slide the hexagonal rod with the guide unit out.	
4. Insert the guide unit for the fine-cutting blade. 5. Tighten the upper knurled screw. 6. Mount the blade and the blade guard. 7. Repeat the procedure with the lower blade guide.	

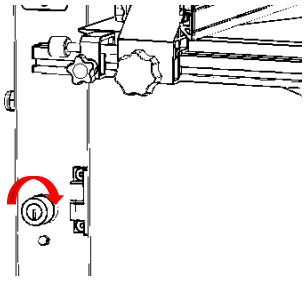
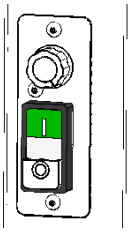
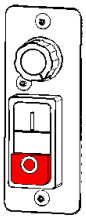
6.6 Setting the lower blade guide

1. Loosen the screw on the blade guard. 2. Loosen the knurled screw on the blade guard. 3. Slide the blade guard down.	
4. Loosen the lower knurled screw on the blade guide.	
5. Move the side guide bearings so that their leading edges are approx. 2 mm behind the gullets of the blade.	
6. Retighten the lower knurled screw.	
7. Release the tension on the motor. 8. Open the door. 9. Turn the upper wheel. None of the bearings on the blade guide should come into contact with the blade.	
10. Loosen the socket head screw on the guide bearings.	

11. Use the cross-head screws to adjust the guide bearings so that they are appr. 0.5 mm from the blade (approximate thickness of an A4 sheet).	
12. Tighten the socket head screw on the guide bearings.	
13. Loosen the upper knurled screw.	
14. Move the upper thrust bearing so that it is appr. 1 mm behind the blade.	
15. Tighten the upper knurled screw.	
16. Check that the guide bearings are still behind the teeth of the blade when the blade is pressed back against the thrust bearing. 17. When all adjustments are complete, slide the blade guard upwards and secure it.	

18. Tension the motor. 19. Make sure that the drive belt is properly seated in the grooves of the pulleys. 20. Close the door.	

6.7 Checking the settings

1. Plug in the machine. 2. Insert the key into the electromagnetic brake switch. 3. Deactivate the electromagnetic brake switch by turning it clockwise.	
4. Switch on the machine and let it run for a few minutes. 5. Check that the blade is running properly and that there are no excessive vibrations or unusual noises.	
6. Switch off the machine and let it come to a standstill. 7. The machine is now ready for use.	

7 Operating the bandsaw

WARNING

Risk of injury due to missing experience!

This chapter provides basic instructions on how to operate the machine. However, for optimum use of the machine, it is beneficial to study the subject and to be trained by qualified persons. Missing experience can lead to serious injuries.

- Before using the machine for the first time, study the subject and ask qualified persons for training.

NOTICE

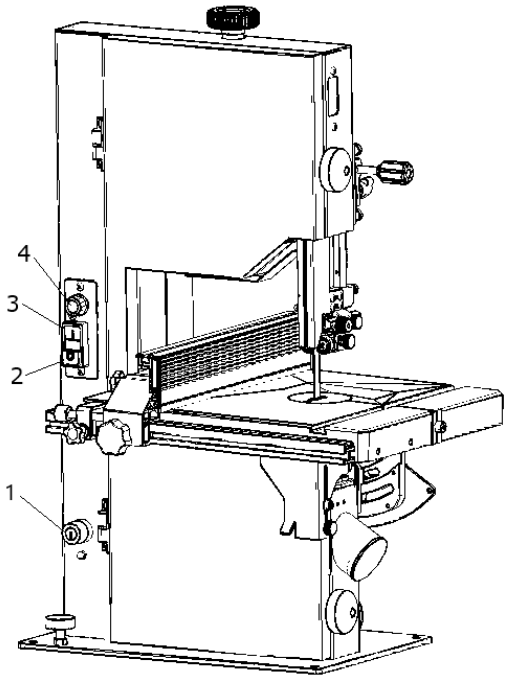
Possible damages to the machine!

This machine is only suitable for processing certain materials and for its intended use. Processing other materials and unintended use can result in damages to the machine and warranty loss.

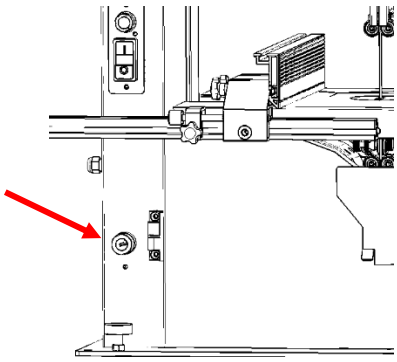
- Only process materials for which the machine is suitable.
- Only use the machine for its intended use.

7.1 Operating elements

1. Electromagnetic brake switch
2. OFF switch (O)
3. ON switch (I)
4. Speed control knob (only MIDICUT 270 PRO)



7.1.1 Electromagnetic brake switch

The electromagnetic brake switch is located at the bottom left of the front of the machine. For safety reasons, a key is needed to operate the electromagnetic brake switch.	
▪ In the left position, the electromagnetic brake switch is active. The motor brake is engaged. In this position, the machine cannot be operated.	
▪ In the right position, the electromagnetic brake switch is inactive. The motor brake is released. In this position, the machine can be operated.	

NOTICE

Activation of the electromagnetic brake in the event of a power failure!

In the event of a power failure, the electromagnetic brake is automatically activated and the bandsaw stops immediately.

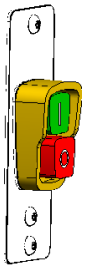
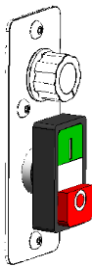
NOTICE

Bandsaw stop when the brake switch is operated!

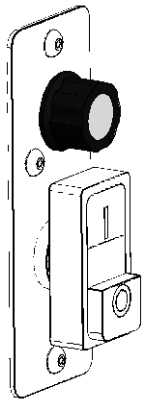
Turning the electromagnetic brake switch anti-clockwise will immediately stop the bandsaw.

7.1.2 ON and OFF switch

To be able to turn on the machine, the electromagnetic brake switch must be in the right position.

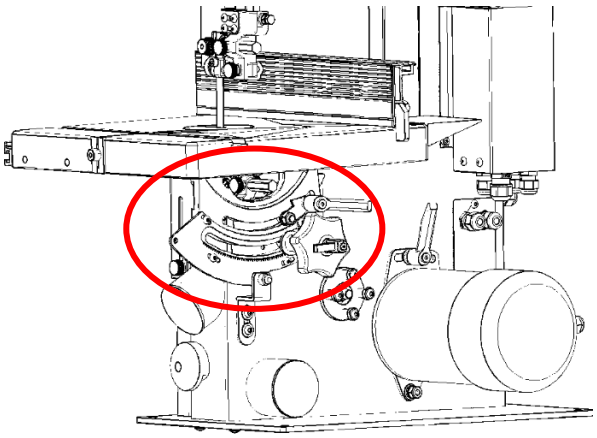
▪ Turn on the machine by pressing the green ON switch (I). The green LED between ON and OFF switch will light up (MIDICUT 270 PRO only). ▪ Switch off the machine by pressing the red OFF switch (O).		
	MIDICUT 270	MIDICUT 270 PRO

7.1.3 Speed control knob (only MIDICUT 270 PRO)

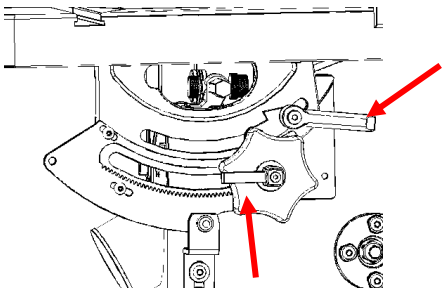
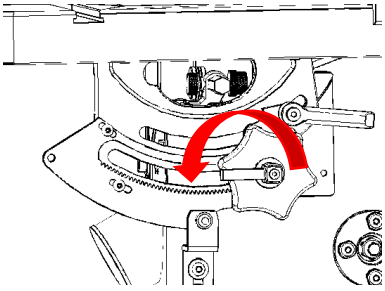
The speed control knob of the MIDICUT 270 PRO is located directly above the ON/OFF switch. Turning the speed control knob increases or decreases the rotational speed of the machine. ▪ Possible settings in the low speed range: 42 - 660 m/min. ▪ Possible settings in the high speed range: 64 - 1001 m/min. To change the speed range, the belt must be repositioned (see chapter "Changing the speed range of the bandsaw").	

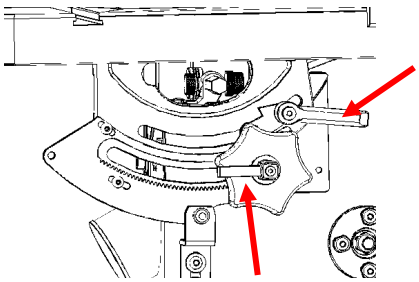
7.2 Settings on the machine

7.2.1 Table tilt

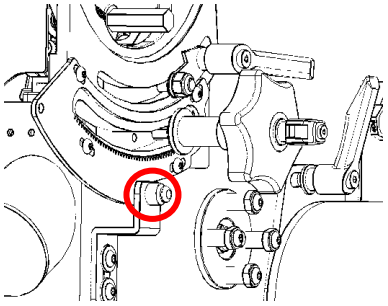
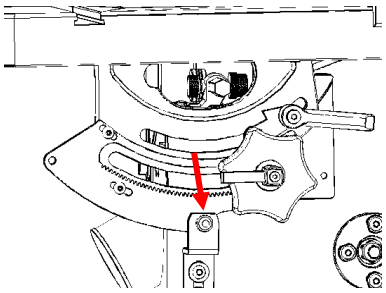
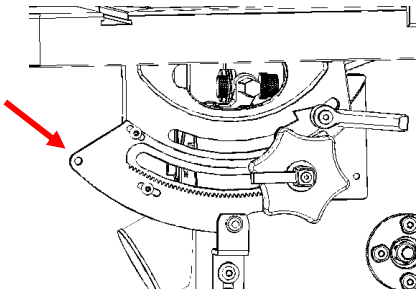
The cast iron bandsaw table can be tilted from 0-45° forwards and -5° backwards. The tilt mechanism is located below the table on the back of the machine.	

Setting the table tilt

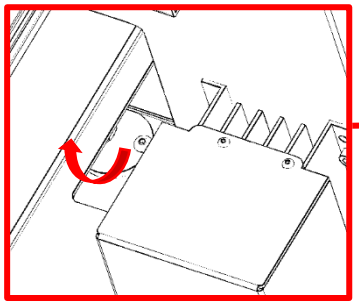
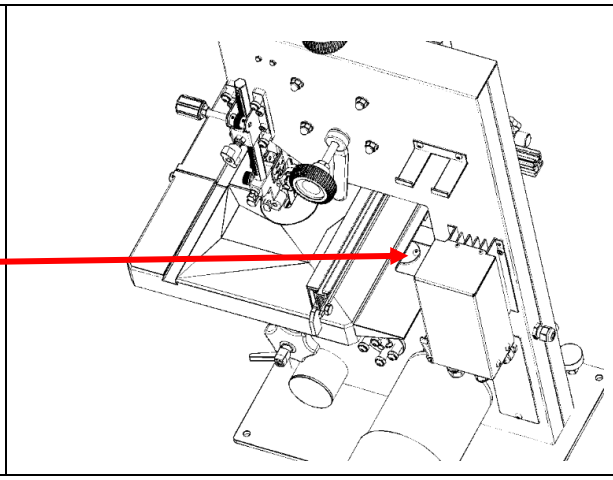
1. Loosen the two clamping levers on the tilt mechanism.	
2. Turn the star knob screw to adjust the table tilt until you reach the desired position.	

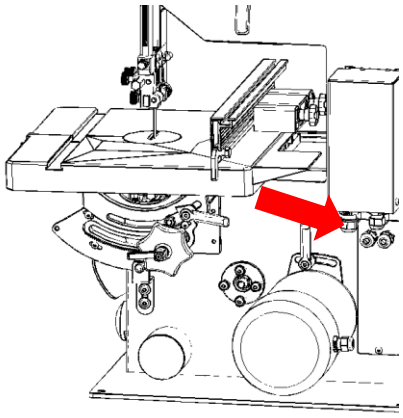
3. Tighten the two clamping levers on the tilt mechanism to lock the table in position.	

Checking the 45° and 90° positions of the table

Use the pin below the tilt mechanism to check the 45° or 90° position of the table.	
▪ If the pin can be inserted into the rear hole of the tilt plate, the 90° position has been reached.	
▪ If the pin can be inserted into the front hole of the tilt plate, the 45° position has been reached.	

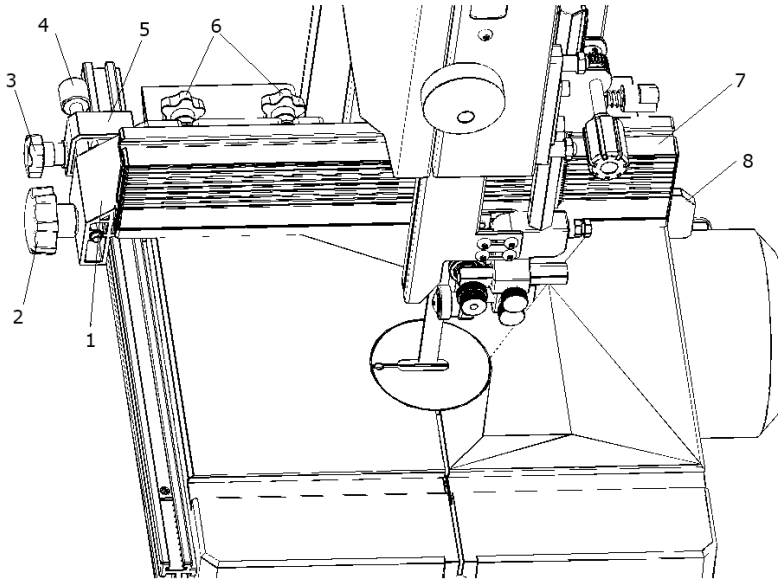
Tilting the table backwards

1. Swing the cover underneath the table stop to the side. 	

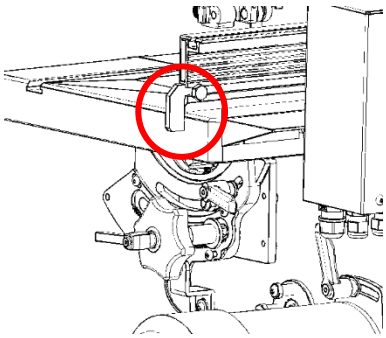
2. Tilt the table -5° backwards. This function is especially helpful when cutting dovetails.	

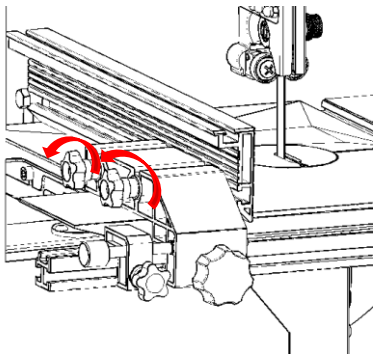
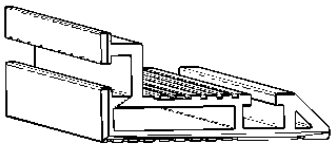
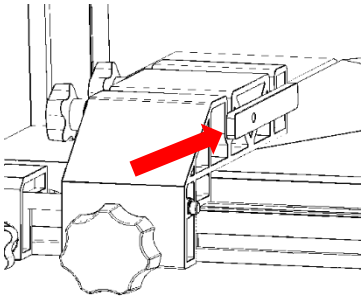
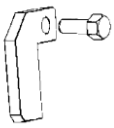
7.2.2 Fence

The fence can be used in both horizontal and vertical positions. The vertical position is suitable for processing large workpieces, the horizontal position is suitable for processing narrow workpieces. It may also be necessary to change the fence position when tilting the table.

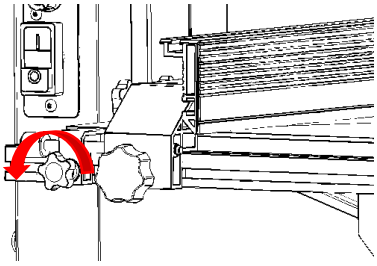
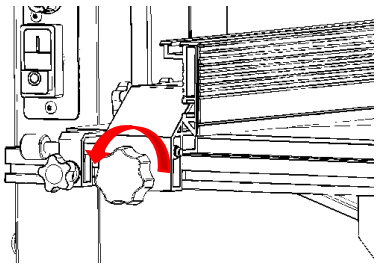
1. Front fence guide 2. Star knob screw for clamping the front fence guide 3. Star knob screw for clamping the fine adjustment unit 4. Fine adjustment knob 5. Fine adjustment unit 6. Star knob screws for releasing the fence 7. Fence 8. Rear fence guide	

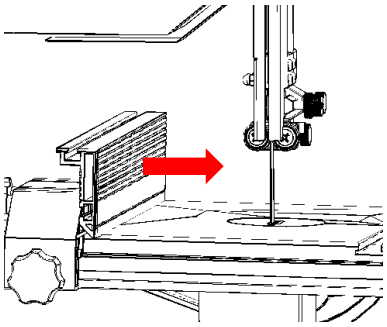
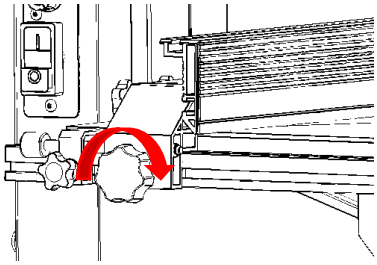
Changing the fence position from vertical to horizontal

1. Remove the rear fence guide from the back of the machine.	

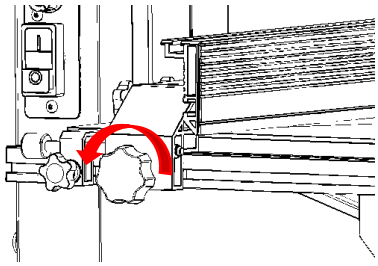
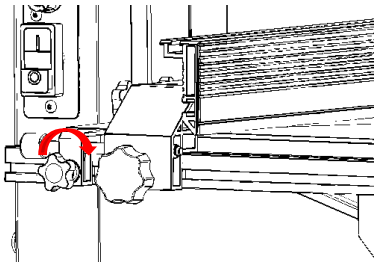
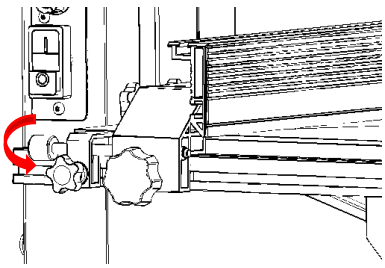
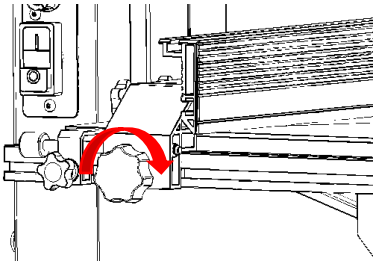
2. Loosen the two star knob screws on the back of the fence sufficiently to remove the fence.	
3. Remove the fence and turn it to the horizontal position.	
4. Slide the fence onto the clamping plate of the front fence guide.	
5. Reinstall the rear fence guide on the back of the machine.	

Coarse adjustment of the fence

1. Loosen the star knob screw on the fine adjustment unit.	
2. Loosen the star knob screw on the front fence guide.	

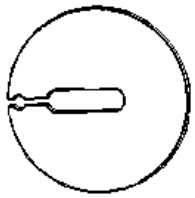
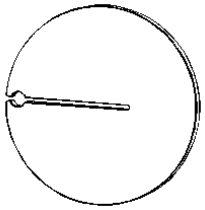
3. Slide the fence to the desired position.	
4. Tighten the star knob screw.	

Fine adjustment of the fence

1. Loosen the star knob screw on the front fence guide.	
2. Tighten the star knob screw on the fine adjustment unit.	
3. Turn the knob clockwise or anti-clockwise to reach the desired setting.	
4. Tighten the star knob screw on the front fence guide.	

7.2.3 Table insert

Two different table inserts are available for this bandsaw:

Standard table insert ▪ included with MIDICUT 270 and MIDICUT 270 PRO	
Table insert with narrow slot for an increased supporting surface ▪ only included with MIDICUT 270 PRO ▪ optionally available for MIDICUT 270	

NOTICE

Table insert with narrow slot unsuitable for tilted table!

Since the table insert with narrow slot does not allow any clearance, cuts cannot be made with this insert when the table is tilted.

- Use the table insert with narrow slot only when the table is at 90° position.

NOTICE

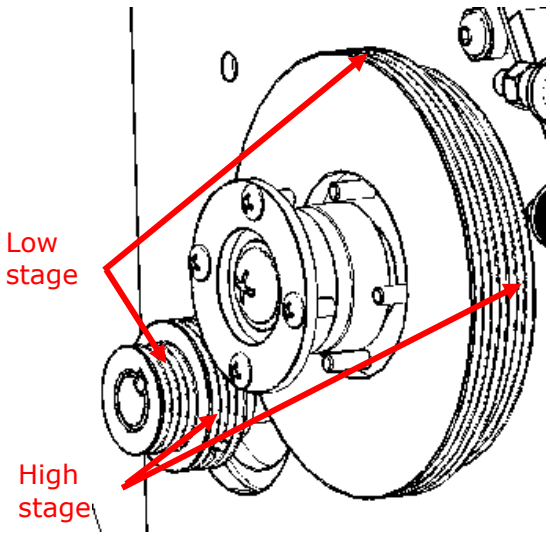
Replacement of worn table inserts!

The table inserts wear out over time. This reduces the supporting surface.

- Replace worn table inserts.

7.2.4 Changing the speed range of the bandsaw

The bandsaw can be operated at two different speed ranges. For this purpose, the machine is equipped with two-stage belt pulleys. To change the speed range, the belt must be repositioned from one stage of the belt pulley to the other.



The speed ranges for the MIDICUT 270 and the MIDICUT 270 PRO differ. Thanks to the built-in frequency inverter in the MIDICUT 270 PRO, the speed of this model is adjustable within the respective speed range.

The following speed ranges are available:

Model	Low speed range	High speed range
MIDICUT 270	534 m/min.	819 m/min.
MIDICUT 270 PRO	42-660 m/min.	64-1001 m/min.

Repositioning the belt

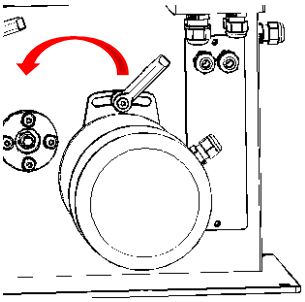
WARNING

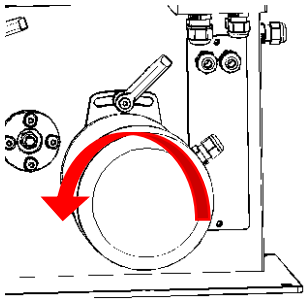
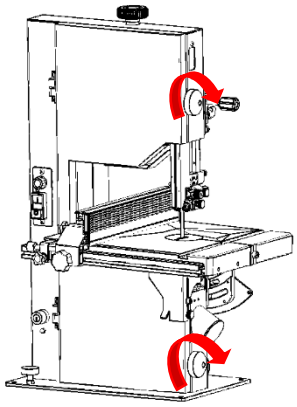
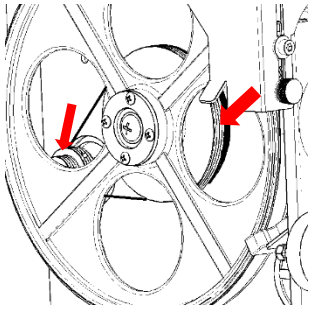
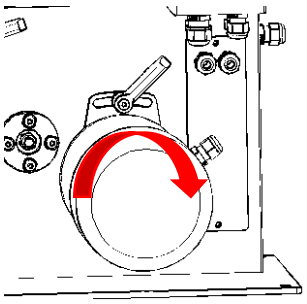
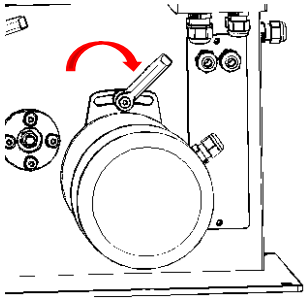
Risk of injury due to unintentional start-up!

There is a risk of injury if the machine starts accidentally when repositioning the belt.

- Before repositioning the belt, switch off the machine and disconnect it from the power supply.

1. Release the motor tensioning lever by turning it anti-clockwise.



2. Release the drive belt tension by turning the motor anti-clockwise.	
3. Release the upper and lower door latches by turning them clockwise. 4. Open the door.	
5. Carefully reposition the belt from one stage of the belt pulley to the other on both pulleys. 6. Make sure that the belt is properly seated in the grooves of the pulleys.	
7. Turn the motor clockwise to tension the drive belt enough to prevent it from slipping during operation, but not excessively to prevent it from overheating during operation.	
8. Tighten the motor tensioning lever by turning it clockwise. 9. Close the door. Lock the door latches by turning them anti-clockwise. 10. Connect the machine to the power supply and switch it on. 11. Check that the bandsaw is running smoothly without any unusual noises coming from the inside. 12. After checking, switch off the machine and let it come to a standstill.	

7.2.5 Setting the correct speed

WARNING

Danger of cutting!

The blade is sharp. There is a risk of injury if fingers or hands get caught by the blade when setting the speed.

- Do not set the speed while cutting (only possible with the MIDICUT 270 PRO).
- Keep hands, fingers and other parts of the body away from the blade.

NOTICE

Notes on setting the speed!

The bandsaw speed depends on various factors such as type and thickness of the material in use, type of blade, feed rate, surface quality and personal experience. For good results, respect the following recommendations:

- Use scrap pieces and make test cuts to check the settings.

Wood and plastic

- Select the speed based on your personal experience and ability.
- The harder and denser the material, the lower the speed.
- Some materials can catch fire at higher speeds. To avoid this, choose the lower speed range and reduce the feed rate.

Steel and aluminium

- When cutting mild steel and aluminium, i.e. harder/denser materials, a very slow speed is required.
- Make sure that the blade is cutting and not generating heat.

NOTICE

Possible damages to the machine!

If the speed is too high, the blade will become hot during operation. This reduces the service live of the blade and may lead to component damages.

- Set an appropriate speed.

7.2.6 Changing the blade

WARNING

Risk of injury due to unintentional start-up!

There is a risk of injury if the machine starts accidentally when changing the blade.

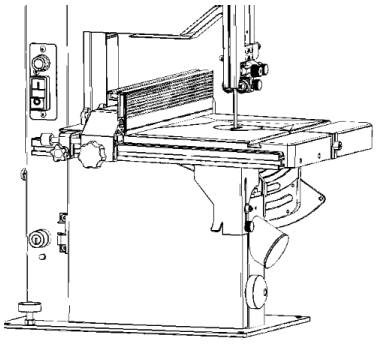
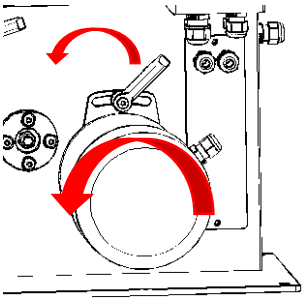
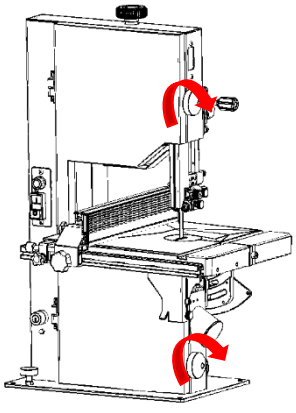
- Before changing the blade, switch off the machine and disconnect it from the power supply.

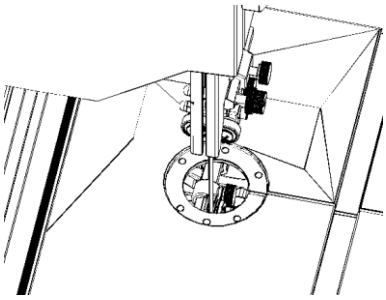
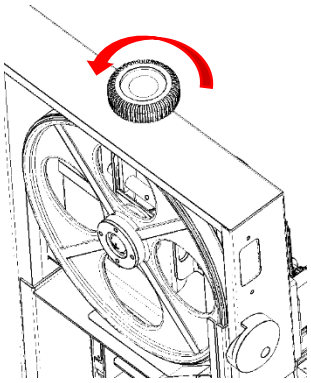
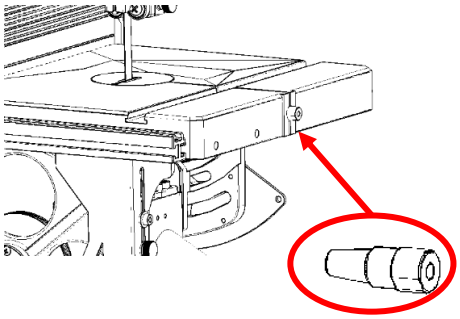
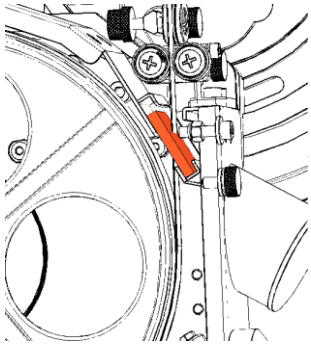
WARNING

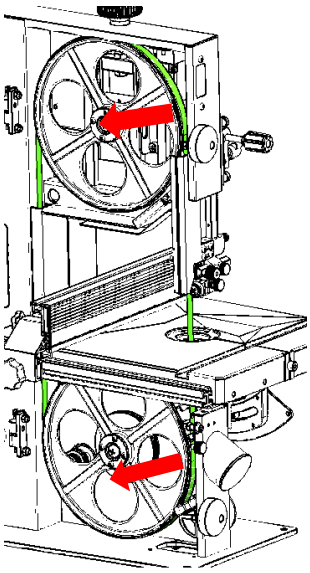
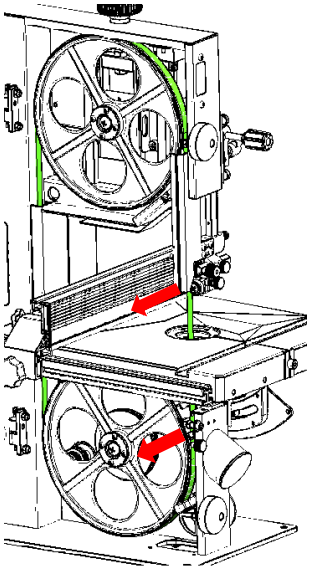
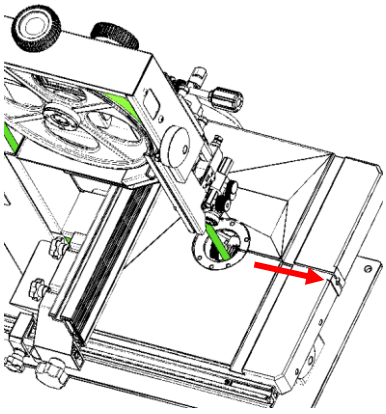
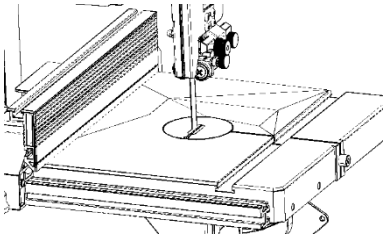
Danger of cutting!

The blade is sharp. In case of contact, there is a danger of cuts.

- Wear cut-resistant gloves when changing the blade.
- Be particularly careful when handling the blade.

1. Put the table back to its 90° position if it has been tilted. 2. Loosen the upper and lower blade guides.	
3. Release the tension on the motor.	
4. Release the upper and lower door latches by turning them clockwise. 5. Open the door.	

6. Remove the table insert.	
7. Release the tension of the blade by turning the knob on the top of the machine clockwise.	
8. Remove the table pin.	
9. Remove the chip deflector plate and place it safely aside.	

10. Remove the blade from the wheels.	
11. Remove the blade from the blade guides by wiggling it clear.	
12. Pull the blade out through the slot in the table. 13. If the blade shall be stored, carefully "fold" it up. To do this, fix the blade with the foot and twist it inwards twice. Secure the folded blade with a cable tie and store it in a dry place.	
14. Clean the inside of the machine with compressed air or remove chips by vacuuming. 15. Lubricate moving parts if necessary (see also chapter "Maintenance, cleaning and machine care").	

WARNING

Danger of cutting!

Bandsaw blades are usually stored folded. When unfolding the blade, it may spring open. There is a risk of injury due to the sharp teeth of the blade.

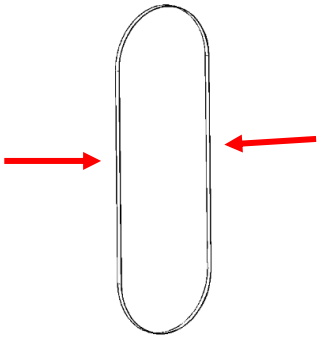
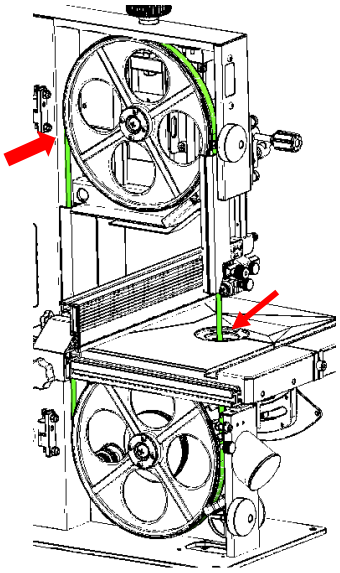
- Unfold the new blade carefully.
- Be particularly careful when handling the blade.

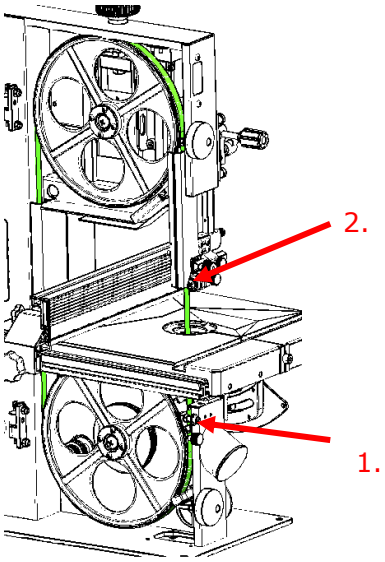
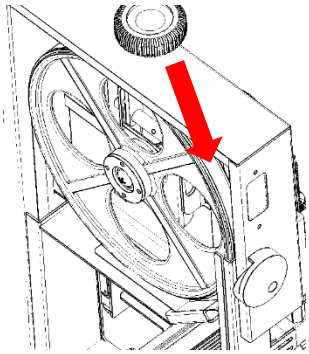
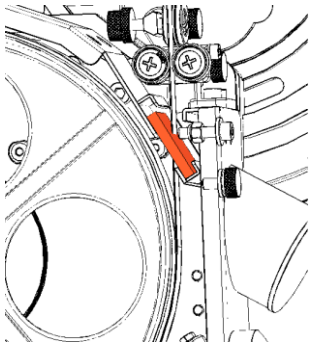
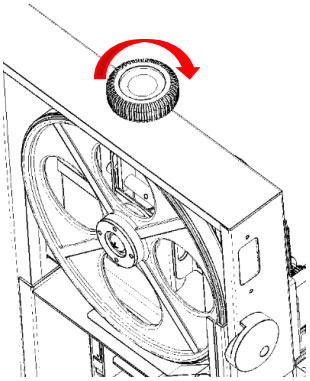
NOTICE

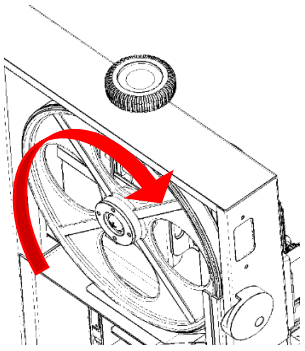
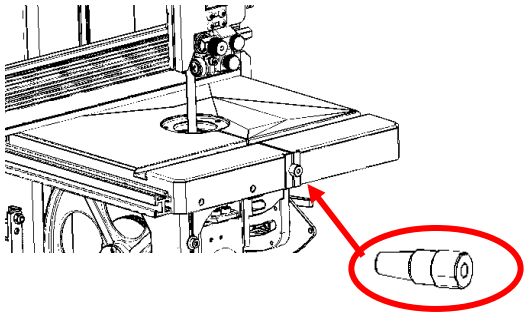
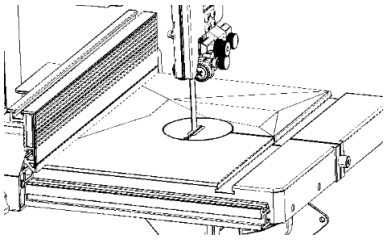
Orientation of the blade!

When installing the new blade, make sure that the teeth of the blade are facing downwards and that the teeth are pointing towards the open machine side.

- If necessary, turn the blade.

16. Hold the blade midway on either side.	
17. Feed the right side of the blade into the slot on the front of the table. 18. Once the blade has reached the cutout for the table insert, work the left side of the blade into the machine frame.	

19. Insert the right side of the blade into the lower blade guide. 20. Insert the right side of the blade into the upper blade guide.	
21. Slide the blade onto the wheels and position it centrally on the wheels.	
22. Reinsert the chip deflector plate.	
23. Tension the blade by turning the knob on the top of the machine clockwise.	

24. Turn the upper wheel by hand to check if the blade is slipping off the wheels or jumping back and forth in the blade guides.	
25. If the blade runs smoothly, screw in the table pin.	
26. Insert the table insert.	
27. Adjust the upper and lower blade guides as described in chapter "Setting up the machine".	

NOTICE

Checking the blade tension

A new blade will stretch slightly after a certain time of use.

- Check the blade tension after approx. 30-60 minutes of use.

7.3 Selecting the blade

Various factors play a role in selecting the blade:

Blade length	It is determined by the machine. The MIDICUT 270 (PRO) requires a blade with a length of 1858 mm.
Blade width	The larger the blade, the greater the stability of the blade. The MIDICUT 270 (PRO) allows the use of blades with a minimum width of 3 mm and a maximum width of 12 mm. With the table insert with narrow slot, which is included with the MIDICUT 270 PRO, blades with a width of 1-2 mm can also be used.
Blade thickness	A thicker blade is more stable and more torsion-resistant. The thickness of the blade influences the straightness of the cut.
Tooth pitch	The tooth pitch indicates the number of teeth per inch (25.4 mm). The lower the number of teeth, the coarser the cut.

A specialist dealer can provide additional information.

7.4 Starting up the bandsaw

WARNING

Risk of injury due to machine movements!

If the machine is not screwed to the installation surface and therefore starts moving, there is a risk of injury.

- Screw the machine to the installation surface (see chapter "Assembly").

WARNING

Risk of injury due to adjusting tools, spanners or loose objects that have not been removed!

Adjusting tools or spanners in a rotating part of the machine can cause injuries. Loose objects on the machine which start to move when the machine is switched on can cause injuries.

- Before switching on the machine, remove loose objects, adjusting tools and spanners from the machine.

WARNING

Danger of being pulled in!

Loose clothes, jewellery or long hair can be caught and pulled in by moving parts of the machine which can lead to injuries.

- Observe the specifications for personal protective equipment in these operating instructions.
- Wear personal protective equipment.
- Wear suitable clothing.
- Do not wear loose clothing and jewellery.
- Wear a headgear or hairnet.
- Avoid wearing gloves.

WARNING

Danger of cutting!

The blade is sharp. In case of contact, there is a danger of cuts.

- Keep hands, fingers and other parts of the body away from the blade.
- Be particularly careful when handling near the blade.
- Make sure that there is always at least a hand's width between blade and fingers or hands.
- Adjust the blade guard so that it covers the largest possible part of the blade.
- Use a push stick when working on very small workpieces. Keep the push stick within easy reach.
- Use an auxiliary sled or other aids as sacrificial plates when working on very small workpieces.

WARNING

Risk of injury from impact and blade breakage!

If control of the workpiece is lost, the workpiece may be thrown out or the blade may break. Excessive pressure may also cause the blade to break. There is a risk of injury.

- Wear personal protective equipment.
- Wear safety glasses or a face shield.
- Observe the basic safety instructions and the labels on the machine.
- Always guide the workpiece safely. Never let go of the workpiece, even when changing the grip.
- Make sure that the pressure applied to the workpiece is not excessive.
- For especially long workpieces, be sure to use an additional support (e.g. roller stand) and place it as centrally as possible.

WARNING

Risk of injury due to splinters!

Splinters that break loose when working can cause injuries.

- Wear personal protective equipment.
- Wear safety glasses or a face shield.
- Observe the basic safety instructions and the labels on the machine.
- Check the condition and suitability of the workpieces before processing them.
- Always guide the workpiece safely. Never let go of the workpiece, even when changing the grip.

WARNING

Risk of injury due to an unsuitable blade!

If the blade is too coarse for the task being performed, there is a risk that it gets caught and, therefore, a risk of injury.

- Wear personal protective equipment.
- Wear safety glasses or a face shield.
- Observe the basic safety instructions and the labels on the machine.
- Before starting up the machine, make sure that the blade is intact, clean and sharp, and that it is suitable for the intended task.
- Make sure that at least two teeth of the blade are engaged in the workpiece.

NOTICE

Basic requirements for achieving the best sawing results!

The best results when working with a bandsaw can only be achieved, if certain basic requirements are met:

- Before starting up, make sure that the machine is correctly set and undamaged.
- Before starting up the machine, make sure that the blade is intact, clean and sharp, and that it is suitable for the intended task. If the blade is too coarse, there is a risk that it gets caught. Make sure that at least two teeth of the blade are engaged in the workpiece. If the blade is too fine, a burnt cut may result.
- Before starting up, make sure that the blade is correctly installed and running smoothly.
- Only use blades suitable for the machine.
- Before starting up, make sure that the table is clean.
- Before starting up, check that the machine is suitable for the material that shall be used.
- Clean dirty workpieces before processing them.

NOTICE

Possible blade damages!

Working on workpieces containing foreign objects such as nails, screws, or stones can damage the blade.

- Make sure that the workpiece is free of foreign objects.

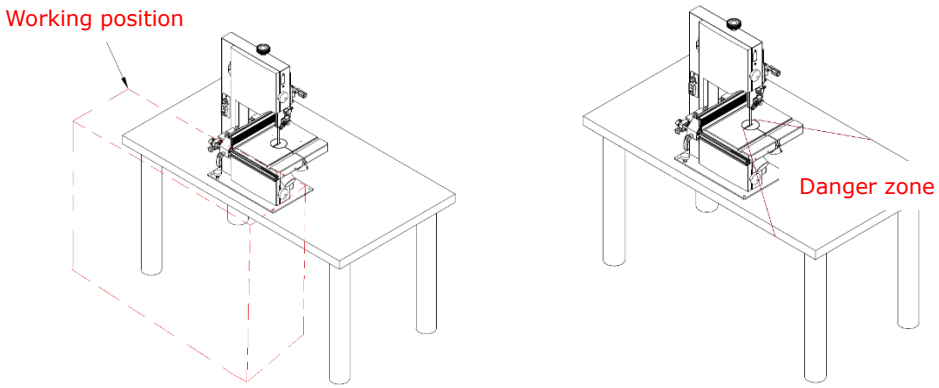
Operating the machine

28. Observe the safety notices above and the basic safety instructions.
29. Adjust the machine to the workpiece to be processed. The blade guard should cover as large an area of the blade as possible. Adjust the upper blade guide so that it is approx. 12 mm above the workpiece.
30. Assume the working position.

NOTICE

Notes on the correct working position!

The correct working position prevents injuries.



31. Before plugging in the machine, check that the socket is suitable. Check the cable for damages.
32. Plug in the machine.
33. Actuate the electromagnetic brake switch.
34. Place the workpiece on the table, but ensure that it does not come into contact with the blade.
35. Press the ON switch.
36. Move the workpiece towards the blade making sure to always guide it safely.
37. Choose an appropriate feed rate and pressure. The blade should not be pressed against the thrust bearing of the blade guide. If the blade constantly touches the thrust bearing of the blade guide, the blade will wear faster.
38. When processing longer workpieces, make additional cuts (e.g. from the workpiece edge to the saw line) allowing to remove cut-out pieces.
39. When processing an irregular or round workpiece, use an auxiliary device for holding the workpiece to prevent it from turning.
40. After finishing a workpiece, do not release the tension of the blade if the machine will be used again that day. Constant changes between tension and release will damage the blade and the machine.

NOTICE

Possible damages to the machine!

If the bandsaw is not used over a longer period of time without releasing the blade tension, the wheels can be damaged.

- Release the blade tension if the machine will not be used for a longer period.

8 Care and maintenance

8.1 Maintenance, cleaning and machine care

Regular maintenance increases the service life of the machine.

WARNING

Risk of injury due to unintentional start-up!

There is a risk of injury if the machine starts accidentally during maintenance and cleaning.

- Before carrying out maintenance and cleaning, switch off the machine and disconnect it from the power supply.

WARNING

Danger of cutting!

The blade is sharp. In case of contact, there is a danger of cuts.

- Be particularly careful when handling near the blade.
- Wear cut-resistant gloves when handling the blade.

Interval	Note	Location	Measure
After each use		Machine	Clean the machine of chips, dust and dirt, or blow off or vacuum chips.
		Surroundings of the machine	Clean the surroundings of the machine.
Every day		Blade	Check the condition of the blade (missing teeth, cracks). Replace the blade if necessary.
		Table	Check the table for debris of resin, dirt, etc., and clean it with a suitable resin remover if necessary. Protect the surface with maintenance oil.
		Lower wheel and lower blade guide	When processing metal, clean the lower wheel and the lower blade guide daily.
Regularly		Inside of the machine	Remove sawdust and dirt.
		Inside of the machine	Check the condition of the wheels and drive belt. If necessary, replace.
Regularly		Wheels	Remove stubborn dirt.
		Moving parts	Clean moving parts regularly with penetrating oil and lubricate them with a light coat of medium-weight machine oil.
		Motor	Blow or vacuum dust and dirt off the motor.
		Screws, nuts, clamps	Regularly check all clamps, screws and nuts for tightness.
Whenever necessary		Blade	Remove the blade and clean it with resin remover. Seize the opportunity to check the wheels for dirt and clean them if necessary.

Lubricants and cleaning agents to be used

Use standard lubricants and cleaning agents.

NOTICE

Risk of fire dure to improperly stored cleaning rags!

Cleaning rags or polishing wool soaked in oils, greases, solvents and cleaning agents are flammable.

- Store oil-soaked cleaning rags separately in suitable closed metal containers.
- Dispose of oil-soaked cleaning rags and polishing wool separately and in accordance with applicable regulations.

8.1.3 Working on electrical system components

WARNING

Danger to life due to electric current!

When touching live parts, there is an immediate danger to life due to electric shock.

Damaged insulations or electrical components can be life-threatening.

- Have work on the electrical system components carried out only by qualified electricians.
- Before working on electrical system components, switch off the machine and pull the power plug. Do not leave the power plug unattended and secure it against being plugged in.
- In case of damaged insulations, switch off the machine immediately and have them repaired.

8.1.4 Use of recommended spare parts

WARNING

Risk of injury due to the use of unsuitable spare parts!

Original spare parts are available which are specifically designed for this machine. Spare parts from other manufacturers are often unsuitable. Using them can cause a risk of injury or damage the machine.

- Only use original spare parts. Ask a specialist dealer for information.

9 Troubleshooting

9.1 Troubleshooting

WARNING

Risk of injury due to unintentional start-up!

There is a risk of injury if the machine starts accidentally when performing certain troubleshooting activities, such as removing jams.

- If necessary, switch off the machine and disconnect it from the power supply.

WARNING

Danger of cutting!

The blade is sharp. In case of contact, there is a danger of cuts.

- Be particularly careful when handling near the blade.
- Wear cut-resistant gloves when handling the blade.

WARNING

Risk of injury due to defective electrical components!

If electrical components are defective, the machine may start unexpectedly or fail to switch off. There is a risk of injury.

- If necessary, disconnect the machine from the power supply.

The following list is intended to provide aid when troubleshooting. In case of problems, the dealer can help. Unusual and unexpected faults should be reported to him.

Fault	Possible cause	Possible remedy
Machine does not start	No current	Check the power plug, the power supply.
	Tripped fuse	Check the fuse and reset it if necessary. In case of doubt, contact a qualified electrician.
	Inactive brake switch	Check the position of the electromagnetic brake switch.
Interrupted operation	Machine overload	Reduce the load.
	Circuit overload	Operate the machine on a circuit separate from other equipment or on a circuit with sufficient amperage.
Bandsaw doesn't cut straight	Damaged, blunt, or low-quality blade	Replace the blade.

Fault	Possible cause	Possible remedy
Bandsaw doesn't cut straight	Wrong blade	Replace the blade.
	Dirty blade	Remove the blade and clean it with resin remover.
Vibrations	Dirt on wheels	Clean the wheels.
	Incorrect adjustment of blade tracking	Check the blade tracking and readjust if necessary.
	Poorly welded blade	Check the weld and replace the blade if necessary.
	Uneven surface	Check that the installation surface of the machine is level. If necessary, adjust.
Bandsaw slows down when cutting	Drive belt tension	Check the tension of the drive belt and re-tension, if necessary.
	Excessive feed rate	Feed the workpiece more slowly (especially in case of hard or damp material).
	Blunt blade	Check the blade, replace it if necessary.
	Unsuitable blade	If necessary, replace the blade.
Blade gets hot	Excessive speed	Reduce the speed.
	Dirty blade	Remove the blade and clean it with resin remover.
Blade is not running true	Dirty blade	Remove the blade and clean it with resin remover.
Poor cut	Dirty blade	Remove the blade and clean it with resin remover.
Jam	Wood tensions	Try driving a wedge into the cut-out and wriggle the blade free. In extreme cases, cut the blade.
Machine starts unexpectedly	Defective electrical components	Disconnect the machine from the power supply (pull the plug) and contact the dealer.
Machine cannot be switched off	Defective electrical components	Disconnect the machine from the power supply (pull the plug) and contact the dealer.

9.2 Restoring normal operation

In the event of faults, switch off the machine, activate the electromagnetic brake switch, disconnect the machine from the power supply, eliminate the cause, plug the machine back in, disable the electromagnetic brake switch and press the ON switch. If the system is overheated, the restoring operation may take longer.

10 Decommissioning and disposal

The following instructions for final decommissioning and disposal of the machine must be observed:

NOTICE

Danger to the environment due to incorrect disposal!

Incorrectly disposed of materials can damage the environment.

- When decommissioning the machine, adhere to the applicable laws and regulations for disposal.
- Do not dispose of the machine or parts of it together with domestic waste.
- Dispose of the parts of the machine in such a way as to prevent any harm to health or the environment.
- Check which materials can be recycled and recycle them properly.

NOTICE

Danger to the environment due to incorrect disposal!

Oils, greases, solvents and cleaning agents are hazardous to the environment and must not be allowed to reach sewage or normal domestic waste. The same applies to cleaning rags or polishing wool soaked in oils, greases, solvents and cleaning agents.

- Dispose of oils, greases, solvents and cleaning agents as well as cleaning rags and polishing wool soaked in them at local recycling centres.

The defective machine can also be disposed of via the responsible dealer.

11 Annex

11.1 EC Declaration of conformity

EC – Declaration of Conformity

For machines (according to EC-Directive 2006/42/EC)

No. of Declaration of Conformity:	Neu-EX-244-1001-EN
Distributor:	Neureiter Maschinen GmbH Gewerbegebiet Brennhoflehen Kellau 167 A – 5431 Kuchl
Responsible person for technical documentation:	Ludwig Neureiter Kellau 167 A – 5431 Kuchl
Object of the declaration:	Bandsaw
Product designation:	**EXMAC MIDICUT 270** **EXMAC MIDICUT 270 PRO**
Technical name:	*BS-11; BS-11-EV; MC270; MC270PRO*

The serial number, crucial technical information and marks of conformity can be found on the rating plate of each machine.
The distributor bears the sole responsibility for issuing this EC Declaration of Conformity.
The object of the declaration described above is in conformity with the relevant **Union harmonisation legislation**:

Machinery Directive 2006/42/EC

The following harmonised standards and technical specifications have been applied:

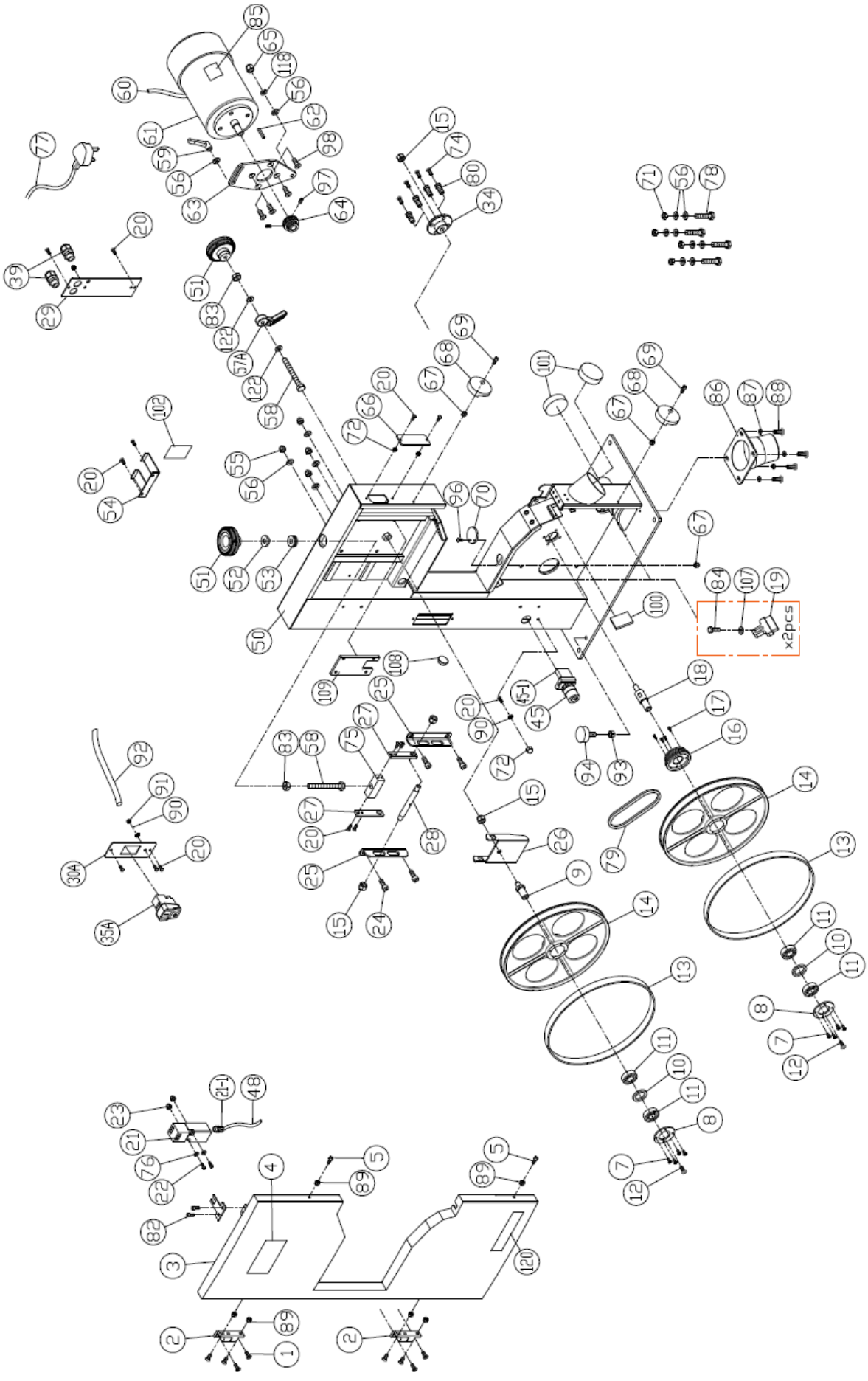
EN ISO 12100:2010	Safety of machinery – General principles for design – Risk assessment and risk reduction
EN 61029-1:2009/A11:2010	Safety of transportable motor-operated electric tools – Part 1: General requirements
EN 61029-2-5:2011/A11:2015	Safety of transportable motor-operated electric tools – Part 2-5: Particular requirements for band saws

Mr Ludwig Neureiter
Neureiter Maschinen GmbH
Gewerbegebiet Brennhoflehen
Kellau 167
A – 5431 Kuchl

Kuchl, 17 December 2024
Ludwig Neureiter (owner)

EX-MC270-MC270PRO_Neu-EX-244-1001-EN

11.2 Exploded view A – MIDICUT 270

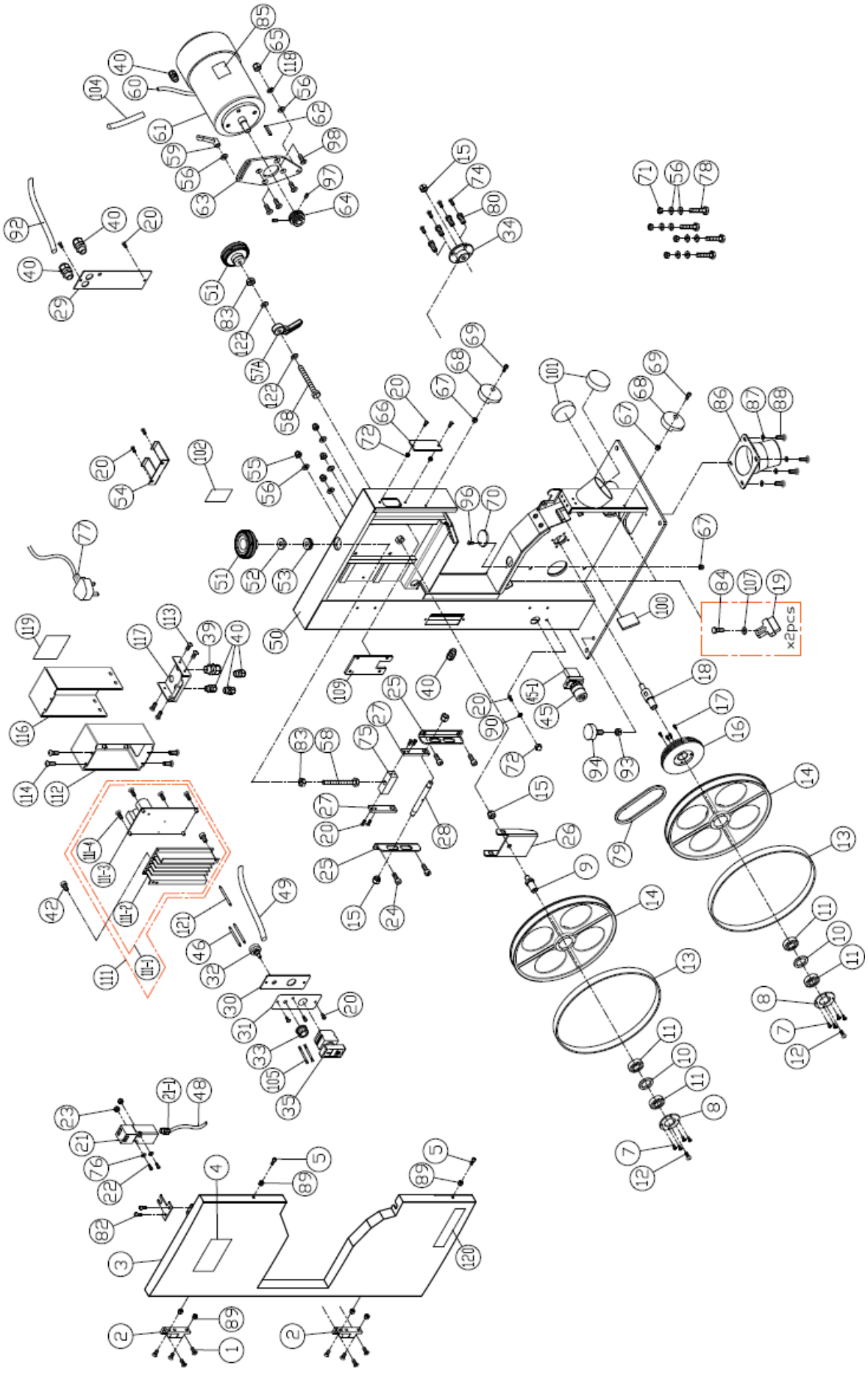


Ref.	Part no.	Designation	Spec.
A01	EXZ-BS11-A001	8x flat head screw	M6x16
A02	EXZ-BS11-A002	2x hinge	
A03	EXZ-BS11-A003	1x door	
A04	EXZ-BS11-A004	1x logo	
A05	EXZ-BS11-A005	2x cap screw	M6x10
A06	EXZ-BS11-A006	1x blade (optional)	0.5x12.5 x6x1858
A07	EXZ-BS11-A007	8x round-head screw	M4x10
A08	EXZ-BS11-A008	2x bearing cover	
A09	EXZ-BS11-A009	1x shaft upper wheel	
A10	EXZ-BS11-A010	2x bushing	
A11	EXZ-BS11-A011	4x bearing	6202ZZ
A12	EXZ-BS11-A012	2x round-head screw	M8x10
A13	EXZ-BS11-A013	2x rubber ring	
A14	EXZ-BS11-A014	2x wheel	
A15	EXZ-BS11-A015	4x nylon nut	M10
A16	EXZ-BS11EV-A016	1x wheel pulley	
A17	EXZ-BS11-A017	4x cap screw	M4x27
A18	EXZ-BS11-A018	1x shaft lower wheel	
A19	EXZ-BS11-A019	2x brush	
A20	EXZ-BS11-A020	14x round-head screw	M5x10
A21	EXZ-BS11-A021	1x limit switch	
A21-1	EXZ-BS11-A021-1	1x cable gland	
A22	EXZ-BS11-A022	2x cap screw	M4x27
A23	EXZ-BS11-A023	2x cap nut	M4
A24	EXZ-BS11-A024	4x cap screw	M8x16
A25	EXZ-BS11-A025	2x bracket	
A26	EXZ-BS11-A026	1x bracket	
A27	EXZ-BS11-A027	2x pull plate	
A28	EXZ-BS11-A028	1x pull rod	
A29	EXZ-BS11-A029	1x cover plate	
A30A	EXZ-BS11-A030A	1x control unit plate	

Ref.	Part no.	Designation	Spec.
A34	EXZ-BS11-A034	1x flange coupling	
A35A	EXZ-BS11-A035A	1x ON/OFF switch	
A39	EXZ-BS11EV-A039	2x cable gland	PG-11
A45	EXZ-BS11-A045	1x brake switch electromagnetic	
A45-1	EXZ-BS11-A045-1	1x switch connector	
A48	EXZ-BS11-A048	1x signal wire	a
A50	EXZ-BS11-A050	1x machine frame	
A51	EXZ-BS11-A051	2x knob	
A52	EXZ-BS11-A052	1x bushing	
A53	EXZ-BS11-A053	1x thrust bearing	
A54	EXZ-BS11-A054	1x fence bracket	
A55	EXZ-BS11-A055	4x cap nut	M8
A56	EXZ-BS11-A056	14x washer	M8
A57A	EXZ-BS11-A057A	1x clamp	
A58	EXZ-BS11-A058	2x hex head screw	M10x90
A59	EXZ-BS11-A059	1x motor tensioning lever	M8
A60	EXZ-BS11-A060	1x motor cable	
A61	EXZ-BS11-A061	1x motor	¾ PS; 50Hz; 230V
A62	EXZ-BS11-A062	1x key	4x4x25
A63	EXZ-BS11-A063	1x motor plate	
A64	EXZ-BS11-A064	1x motor pulley	
A65	EXZ-BS11-A065	1x nylon nut	M8
A66	EXZ-BS11-A066	1x acrylic plate	
A67	EXZ-BS11-A067	3x nylon nut	M5
A68	EXZ-BS11-A068	2x door latch	
A69	EXZ-BS11-A069	2x cap screw	M5x25
A70	EXZ-BS11-A070	1x cover	
A71	EXZ-BS11-A071	4x nut	M8
A72	EXZ-BS11-A072	3x cap nut	M5
A74	EXZ-BS11-A074	4x round-head screw	M6x35
A75	EXZ-BS11-A075	1x pull block	

Ref.	Part no.	Designation	Spec.
A76	EXZ-BS11-A076	2x washer	M4
A77	EXZ-BS11-A077	1x power cord	
A78	EXZ-BS11-A078	4x hex head screw	M8x50
A79	EXZ-BS11-A079	1x belt	170-J4
A80	EXZ-BS11-A080	4x adjustment screw	
A82	EXZ-BS11-A082	2x cap screw	M4x10
A83	EXZ-BS11-A083	2x nut	M10
A84	EXZ-BS11-A084	2x hex head screw	M5x16
A85	EXZ-BS11-A085	1x motor nameplate	
A86	EXZ-BS11-A086	1x dust collection port	
A87	EXZ-BS11-A087	4x washer	M5
A88	EXZ-BS11-A088	4x button-head screw	M5x8
A89	EXZ-BS11-A089	6x nylon nut	M6
A90	EXZ-BS11-A090	2x tooth washer	M5
A91	EXZ-BS11-A091	1x nut	M5
A92	EXZ-BS11-A092	1x power cord 2	
A93	EXZ-BS11-A093	1x nut	⅜"
A94	EXZ-BS11-A094	1x door stop	⅜"
A96	EXZ-BS11-A096	1x button head screw	M5x16
A97	EXZ-BS11-A097	2x set screw	¼" x ¼"
A98	EXZ-BS11-A098	4x flat head screw	¼" x ¾"
A100	EXZ-BS11-A100	1x deflector plate	
A101	EXZ-BS11-A101	2x cap	
A102	EXZ-BS11EV-A102	1x nameplate	
A107	EXZ-BS11-A107	2x washer	M5
A108	EXZ-BS11-A108	1x plug	
A109	EXZ-BS11-A109	1x fixed block	
A118	EXZ-BS11-A118	1x spring washer	M8
A120	EXZ-BS11-A120	1x machine type label	
A122	EXZ-BS11-A122	2x washer	M10

11.4 Exploded view A – MIDICUT 270 PRO

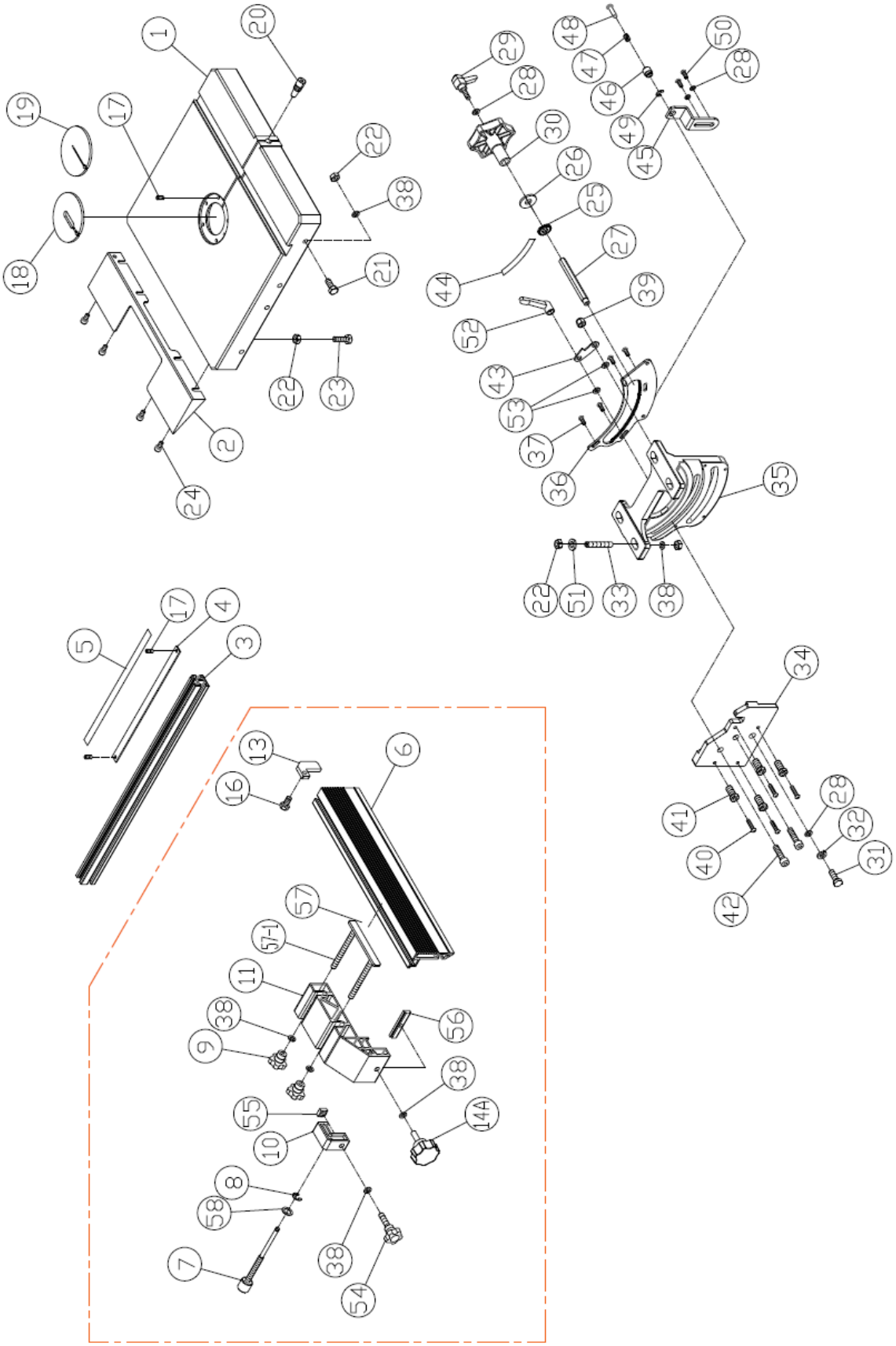


Ref.	Part no.	Designation	Spec.
A01	EXZ-BS11-A001	8x flat head screw	M6x16
A02	EXZ-BS11-A002	2x hinge	
A03	EXZ-BS11-A003	1x door	
A04	EXZ-BS11-A004	1x logo	
A05	EXZ-BS11-A005	2x cap screw	M6x10
A06	EXZ-BS11-A006	1x blade (optional)	0.5x12.5x 6x1858
A07	EXZ-BS11-A007	8x round-head screw	M4x10
A08	EXZ-BS11-A008	2x bearing cover	
A09	EXZ-BS11-A009	1x shaft upper wheel	
A10	EXZ-BS11-A010	2x bushing	
A11	EXZ-BS11-A011	4x bearing	6202ZZ
A12	EXZ-BS11-A012	2x round-head screw	M8x10
A13	EXZ-BS11-A013	2x rubber ring	
A14	EXZ-BS11-A014	2x wheel	
A15	EXZ-BS11-A015	4x nylon nut	M10
A16	EXZ-BS11EV-A016	1x wheel pulley	
A17	EXZ-BS11-A017	4x cap screw	M4x27
A18	EXZ-BS11-A018	1x shaft lower wheel	
A19	EXZ-BS11-A019	2x brush	
A20	EXZ-BS11-A020	13x button head screw	M5x10
A21	EXZ-BS11-A021	1x limit switch	
A21-1	EXZ-BS11-A021-1	1x cable gland	
A22	EXZ-BS11-A022	2x cap screw	M4x27
A23	EXZ-BS11-A023	2x cap nut	M4
A24	EXZ-BS11-A024	4x cap screw	M8x16
A25	EXZ-BS11-A025	2x bracket	
A26	EXZ-BS11-A026	1x bracket	
A27	EXZ-BS11-A027	2x pull plate	
A28	EXZ-BS11-A028	1x pull rod	
A29	EXZ-BS11-A029	1x cover plate	
A30	EXZ-BS11EV-A030	1x control unit plate	
A31	EXZ-BS11EV-A031	1x label	
A32	EXZ-BS11EV-A032	1x speed control	
A33	EXZ-BS11EV-A033	1x speed control knob	
A34	EXZ-BS11-A034	1x flange coupling	
A35	EXZ-BS11EV-A035	1x ON/OFF switch	
A39	EXZ-BS11EV-A039	1x cable gland	PG-11
A40	EXZ-BS11EV-A040	7x cable gland	PG-9

Ref.	Part no.	Designation	Spec.
A42	EXZ-BS11EV-A042	2x cap screw	M5x10
A45	EXZ-BS11-A045	1x brake switch electromagnetic	
A45-1	EXZ-BS11-A045-1	1x switch connector	
A46	EXZ-BS11EV-A046	2x speed control cable	
A48	EXZ-BS11-A048	1x signal wire	
A49	EXZ-BS11EV-A049	1x control cable	
A50	EXZ-BS11-A050	1x machine frame	
A51	EXZ-BS11-A051	2x knob	
A52	EXZ-BS11-A052	1x bushing	
A53	EXZ-BS11-A053	1x thrust bearing	
A54	EXZ-BS11-A054	1x fence bracket	
A55	EXZ-BS11-A055	4x cap nut	M8
A56	EXZ-BS11-A056	14x washer	M8
A57A	EXZ-BS11-A057A	1x clamp	
A58	EXZ-BS11-A058	2x hex head screw	M10x90
A59	EXZ-BS11-A059	1x motor tensioning lever	M8
A60	EXZ-BS11-A060	1x motor cable	
A61	EXZ-BS11-A061	1x motor	¾ PS; 50Hz;230V
A62	EXZ-BS11-A062	1x key	4x4x25
A63	EXZ-BS11-A063	1x motor plate	
A64	EXZ-BS11-A064	1x motor pulley	
A65	EXZ-BS11-A065	1x nylon nut	M8
A66	EXZ-BS11-A066	1x acrylic plate	
A67	EXZ-BS11-A067	3x nylon nut	M5
A68	EXZ-BS11-A068	2x door latch	
A69	EXZ-BS11-A069	2x cap screw	M5x25
A70	EXZ-BS11-A070	1x cover	
A71	EXZ-BS11-A071	4x nut	M8
A72	EXZ-BS11-A072	3x cap nut	M5
A74	EXZ-BS11-A074	4x button head screw	M6x35
A75	EXZ-BS11-A075	1x pull block	
A76	EXZ-BS11-A076	2x washer	M4
A77	EXZ-BS11-A077	1x power cord	
A78	EXZ-BS11-A078	4x hex head screw	M8x50
A79	EXZ-BS11-A079	1x belt	170-J4
A80	EXZ-BS11-A080	4x adjustment screw	
A82	EXZ-BS11-A082	2x cap screw	M4x10
A83	EXZ-BS11-A083	2x nut	M10

Ref.	Part no.	Designation	Spec.
A84	EXZ-BS11-A084	2x hex head screw	M5x16
A85	EXZ-BS11-A085	1x motor nameplate	
A86	EXZ-BS11-A086	1x dust collection port	
A87	EXZ-BS11-A087	4x washer	M5
A88	EXZ-BS11-A088	4x button head screw	M5x8
A89	EXZ-BS11-A089	6x nylon nut	M6
A90	EXZ-BS11-A090	1x tooth washer	M5
A91	EXZ-BS11-A091	1x nut	M5
A92	EXZ-BS11-A092	1x power cord 2	
A93	EXZ-BS11-A093	1x nut	⅜"
A94	EXZ-BS11-A094	1x door stop	⅜"
A96	EXZ-BS11-A096	1x button head screw	M5x16
A97	EXZ-BS11-A097	2x set screw	¼" x ¼"
A98	EXZ-BS11-A098	4x flat head screw	¼" x ¾"
A100	EXZ-BS11-A100	1x deflector plate	
A101	EXZ-BS11-A101	2x cap	
A102	EXZ-BS11EV-A102	1x nameplate	
A104	EXZ-BS11EV-A104	1x cable	
A105	EXZ-BS11EV-A105	2x switch cable	
A107	EXZ-BS11-A107	2x washer	M5
A109	EXZ-BS11-A109	1x fixed block	
A111	EXZ-BS11EV-A111	1x PC board assembly	
A111-1	EXZ-BS11EV-A201	PC board assembly	
A111-2	EXZ-BS11EV-A202	heat sink	
A111-3	EXZ-BS11EV-A203	PC board	
A111-4	EXZ-BS11EV-A204	round-head screw	
A112	EXZ-BS11EV-A112	1x control box	
A113	EXZ-BS11EV-A113	4x button head screw	M5x6
A114	EXZ-BS11EV-A114	4x button head screw	M3x10
A116	EXZ-BS11EV-A116	1x control box cover	
A117	EXZ-BS11EV-A117	1x control box bottom	
A118	EXZ-BS11-A118	1x spring washer	M8
A119	EXZ-BS11EV-A119	1x label	
A120	EXZ-BS11EV-A120	1x machine type label	
A121	EXZ-BS11EV-A121	1x cable	
A122	EXZ-BS11-A122	2x washer	M10

11.6 Exploded view B – MIDICUT 270 and MIDICUT 270 PRO

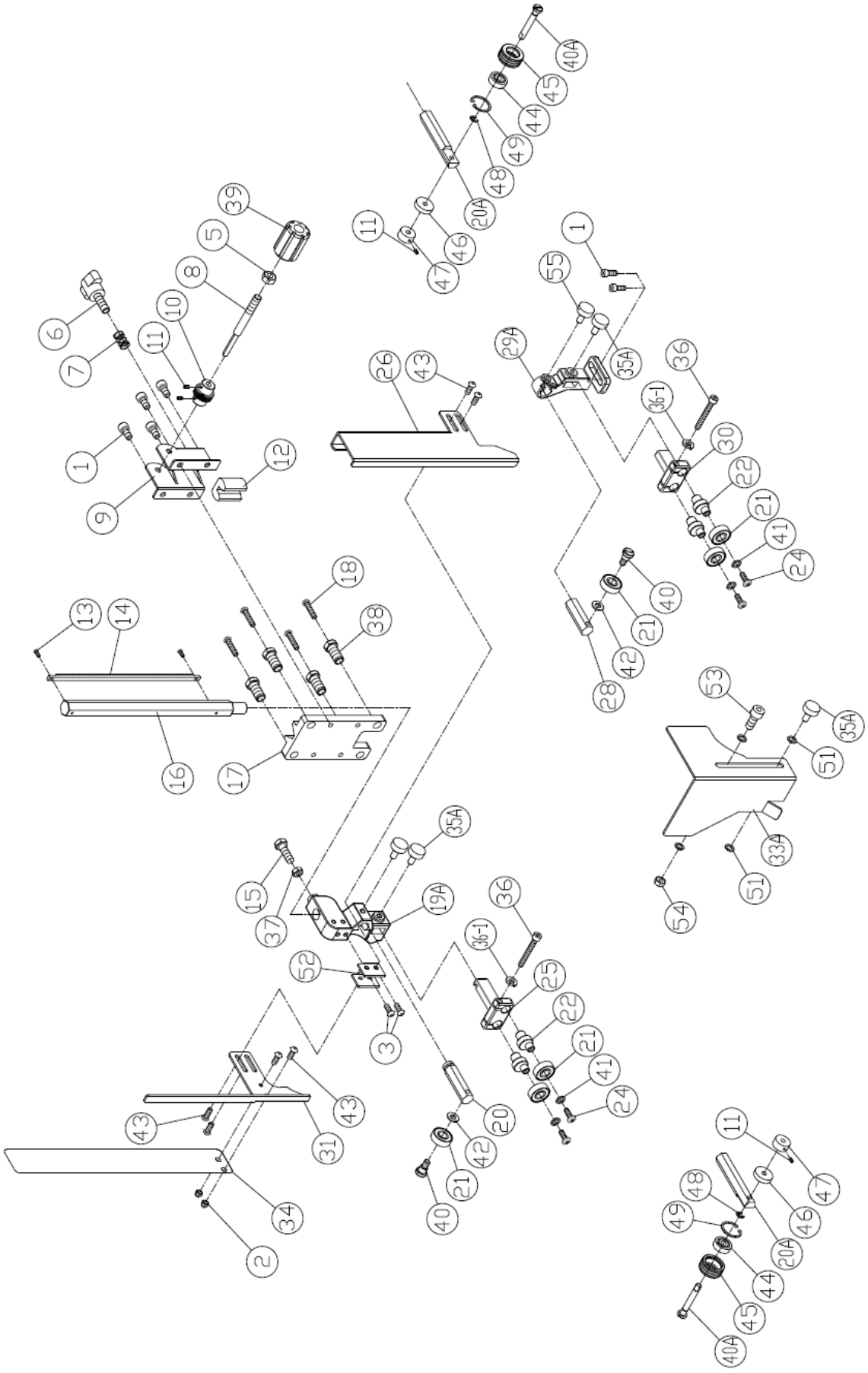


11.7 Parts list B – MIDICUT 270 and MIDICUT 270 PRO

Ref.	Part no.	Designation	Spec.
B01	EXZ-BS11-B001	1x table	
B02	EXZ-BS11-B002	1x table extension	
B03	EXZ-BS11-B003	1x aluminium bar	
B04	EXZ-BS11-B004	1x scale plate	
B05	EXZ-BS11-B005	1x scale label	
B06	EXZ-BS11-B006	1x fence	
B07	EXZ-BS11-B007	1x knob	
B08	EXZ-BS11-B008	1x E-ring	ETW-5
B09	EXZ-BS11-B009	2x star knob screw	
B10	EXZ-BS11-B010	1x fine adjustment unit	
B11	EXZ-BS11-B011	1x front fence guide	
B13	EXZ-BS11-B013	1x rear fence guide	
B14A	EXZ-BS11-B014A	1x star knob screw	M8
B16	EXZ-BS11-B016	1x hex head screw	M8x16
B17	EXZ-BS11-B017	8x set screw	M6x6
B18	EXZ-BS11-B018	1x table insert	
B19	EXZ-BS11-B019	1x table insert 2	
B20	EXZ-BS11-B020	1x table pin	
B21	EXZ-BS11-B021	4x hex head screw	M8x20
B22	EXZ-BS11-B022	13x nut	M8
B23	EXZ-BS11-B023	1x hex head screw	M8x25
B24	EXZ-BS11-B024	4x cap screw	M6x10
B25	EXZ-BS11-B025	1x tooth washer	
B26	EXZ-BS11-B026	1x washer	
B27	EXZ-BS11-B027	1x hexagonal rod	
B28	EXZ-BS11-B028	4x washer	¼"
B29	EXZ-BS11-B029	1x clamping lever	¼" x 20
B30	EXZ-BS11-B030	1x star knob screw	
B31	EXZ-BS11-B031	1x hex head screw	¼"-20UNC x ⅜"

Ref.	Part no.	Designation	Spec.
B32	EXZ-BS11-B032	1x spring washer	M6
B33	EXZ-BS11-B033	4x set screw	M8x40
B34	EXZ-BS11-B034	1x slide plate	
B35	EXZ-BS11-B035	1x table bracket	
B36	EXZ-BS11-B036	1x tilt plate	
B37	EXZ-BS11-B037	4x button head screw	M5x10
B38	EXZ-BS11-B038	12x washer	M8
B39	EXZ-BS11-B039	1x nylon nut	M8
B40	EXZ-BS11-B040	4x button head screw	M6x30
B41	EXZ-BS11-B041	4x adjustment screw	
B42	EXZ-BS11-B042	2x cap screw	M8x45
B43	EXZ-BS11-B043	1x pointer	
B44	EXZ-BS11-B044	1x angle label	
B45	EXZ-BS11-B045	1x bracket	
B46	EXZ-BS11-B046	1x bushing	
B47	EXZ-BS11-B047	1x spring	
B48	EXZ-BS11-B048	1x pin	
B49	EXZ-BS11-B049	1x E-ring	ETW-3
B50	EXZ-BS11-B050	2x button head screw	M6x20
B51	EXZ-BS11-B051	4x washer	M8xD25
B52	EXZ-BS11-B052	1x clamping lever	M8
B53	EXZ-BS11-B053	2x washer	M8
B54	EXZ-BS11-B054	1x star knob screw	
B55	EXZ-BS11-B055	1x nut	
B56	EXZ-BS11-B056	1x T-type nut	
B57	EXZ-BS11-B057	1x clamp	
B57-1	EXZ-BS11-B057-1	2x set screw	M8x90
B58	EXZ-BS11-B058	1x washer	M6

11.8 Exploded view C – MIDICUT 270 and MIDICUT 270 PRO

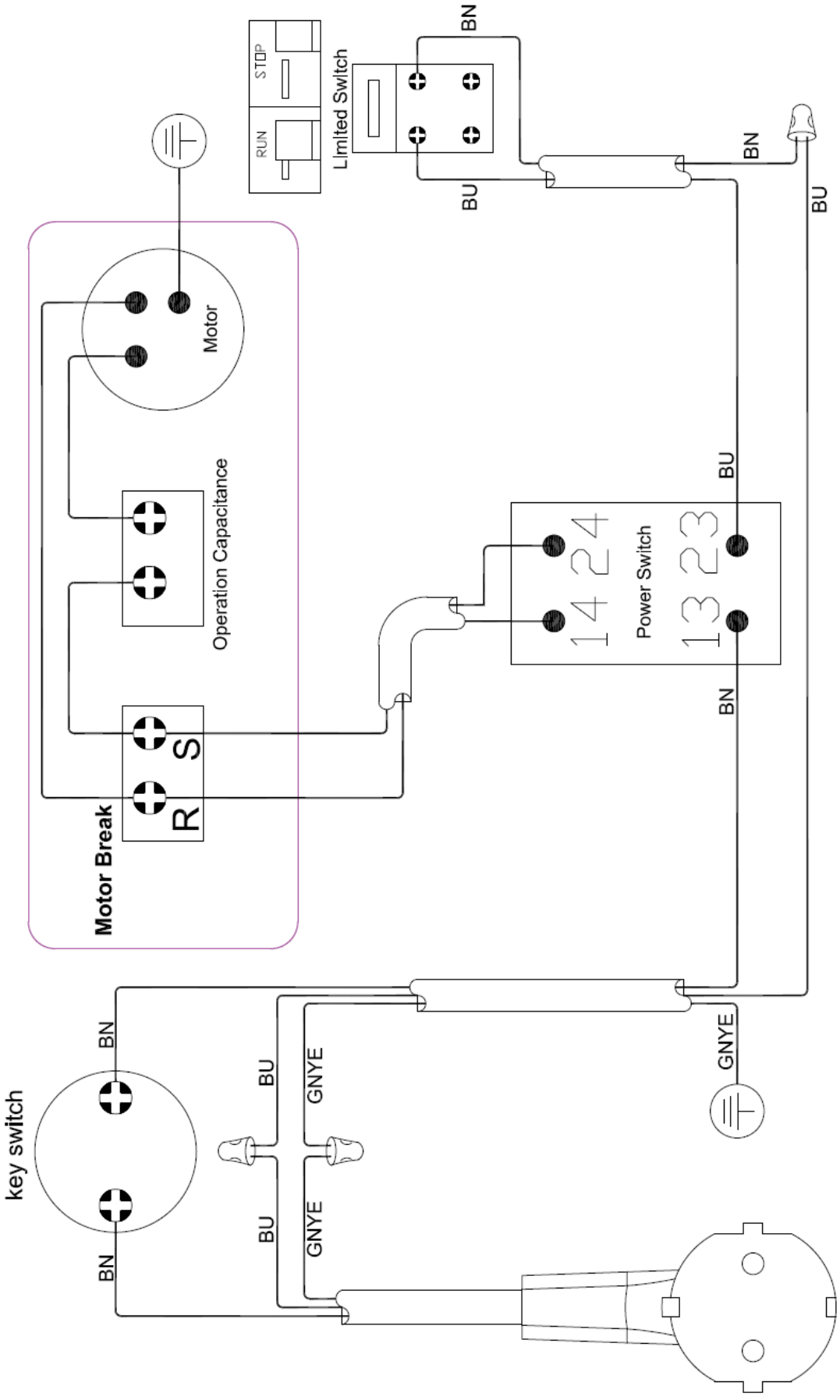


11.9 Parts list C – MIDICUT 270 and MIDICUT 270 PRO

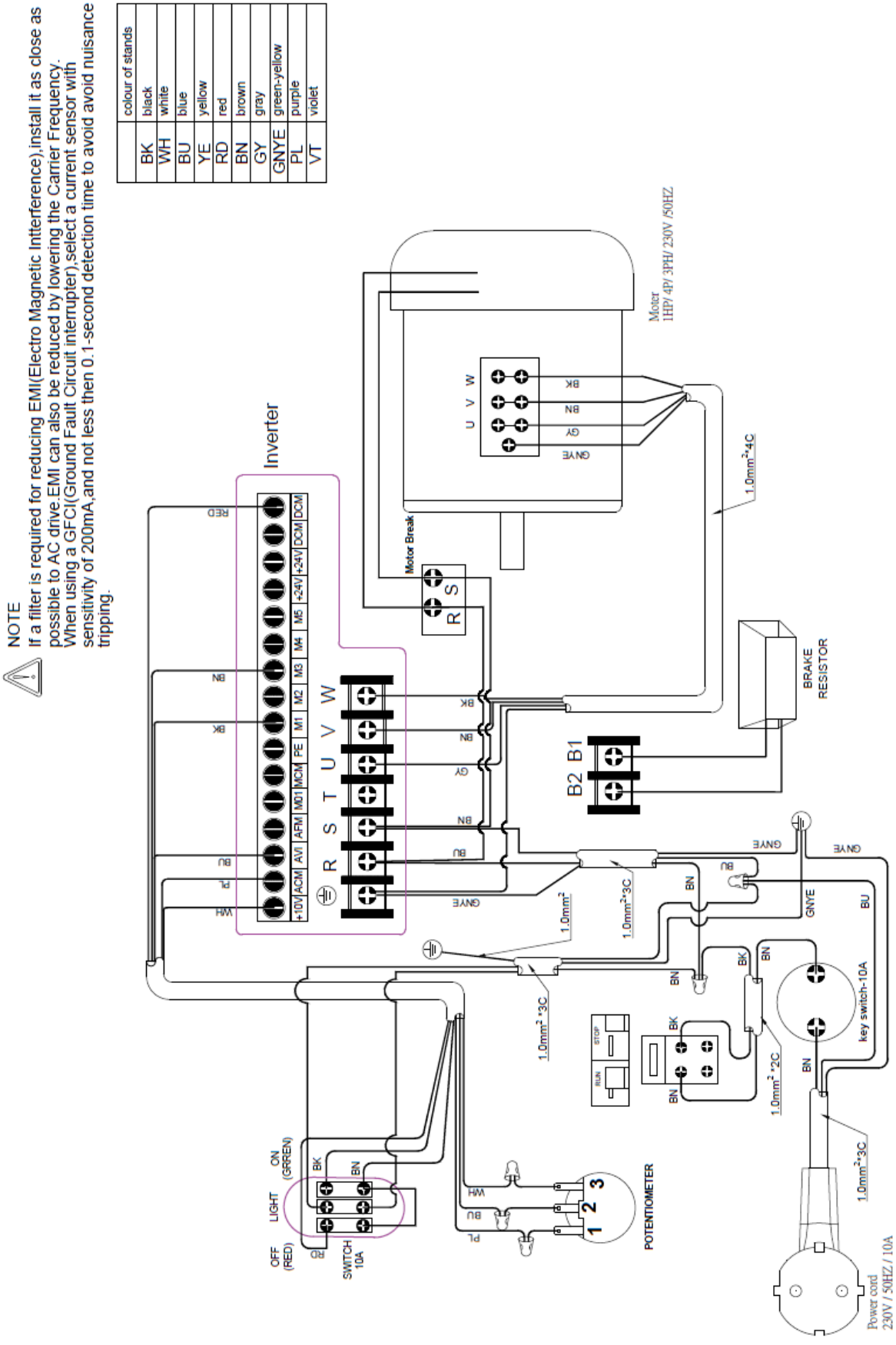
Ref.	Part no.	Designation	Spec.
C01	EXZ-BS11-C001	6x cap screw	M6x10
C02	EXZ-BS11-C002	2x cap nut	M5
C03	EXZ-BS11-C003	2x button head screw	M5x10
C05	EXZ-BS11-C005	1x nut	M8
C06	EXZ-BS11-C006	1x wing screw	
C07	EXZ-BS11-C007	1x spring	
C08	EXZ-BS11-C008	1x guide rod	
C09	EXZ-BS11-C009	1x bracket	
C10	EXZ-BS11-C010	1x gear	
C11	EXZ-BS11-C011	4x set screw	M4x5
C12	EXZ-BS11-C012	1x sliding block	
C13	EXZ-BS11-C013	2x round-head screw	M3x10
C14	EXZ-BS11-C014	1x rack	
C15	EXZ-BS11-C015	1x hex head screw	M6x25
C16	EXZ-BS11-C016	1x hexagonal rod	
C17	EXZ-BS11-C017	1x hexagonal seat	
C18	EXZ-BS11-C018	4x button head screw	M6x35
C19A	EXZ-BS11-C019A	1x base upper blade guide	
C20	EXZ-BS11-C020	1x hexagonal rod	
C20A	EXZ-BS11-C020A	2x hexagonal rod	
C21	EXZ-BS11-C021	6x bearing	608zz
C22	EXZ-BS11-C022	4x eccentric	
C24	EXZ-BS11-C024	4x round-head screw	M6x8
C25	EXZ-BS11-C025	1x bracket	
C26	EXZ-BS11-C026	1x blade guard top front	
C28	EXZ-BS11-C028	1x hexagonal rod short	

Ref.	Part no.	Designation	Spec.
C29A	EXZ-BS11-C029A	1x base lower blade guide	
C30	EXZ-BS11-C030	1x bracket short	
C31	EXZ-BS11-C031	1x blade guard top rear	
C33A	EXZ-BS11-C033A	1x lower blade guard	
C34	EXZ-BS11-C034	1x soft plate	
C35A	EXZ-BS11-C035A	4x knurled screw	M6x12
C36	EXZ-BS11-C036	2x cap screw	M5x40
C36-1	EXZ-BS11-C036-1	2x spring washer	M5
C37	EXZ-BS11-C037	1x nut	M6
C38	EXZ-BS11-C038	4x screw	
C39	EXZ-BS11-C039	1x knob	
C40	EXZ-BS11-C040	2x screw	
C40A	EXZ-BS11-C040A	2x adjustable rod	
C41	EXZ-BS11-C041	4x washer	M6
C44	EXZ-BS11-C044	2x bearing	626ZZ
C45	EXZ-BS11-C045	2x bearing bush	
C46	EXZ-BS11-C046	2x knurled nut	M6
C47	EXZ-BS11-C047	2x knurled nut small	M6
C48	EXZ-BS11-C048	2x E-ring	ETW-5
C49	EXZ-BS11-C049	2x circlip	C-19
C51	EXZ-BS11-C051	4x washer	M6
C52	EXZ-BS11-C052	1x blade guard bracket	
C53	EXZ-BS11-C053	1x cap screw	M6x25
C54	EXZ-BS11-C054	1x nylon nut	M6
C55	EXZ-BS11-C055	1x knurled screw	M6x7

11.10 Wiring diagram MIDICUT 270



11.11 Wiring diagram MIDICUT 270 PRO



EXMAC